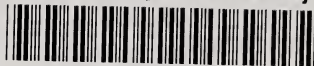




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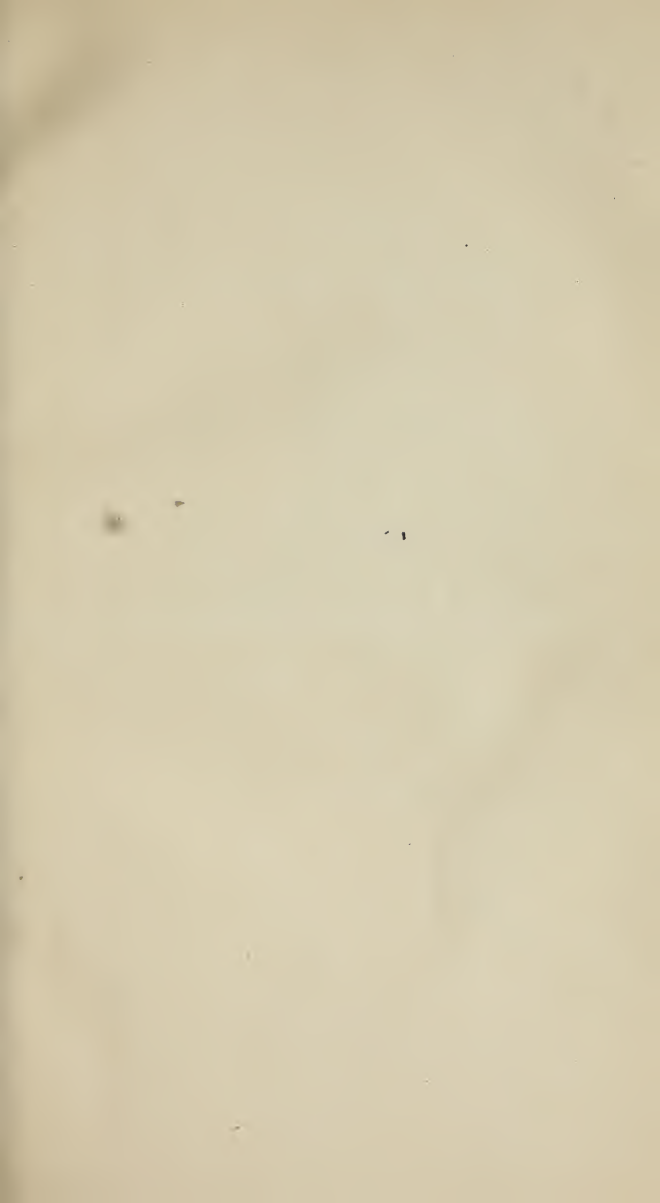


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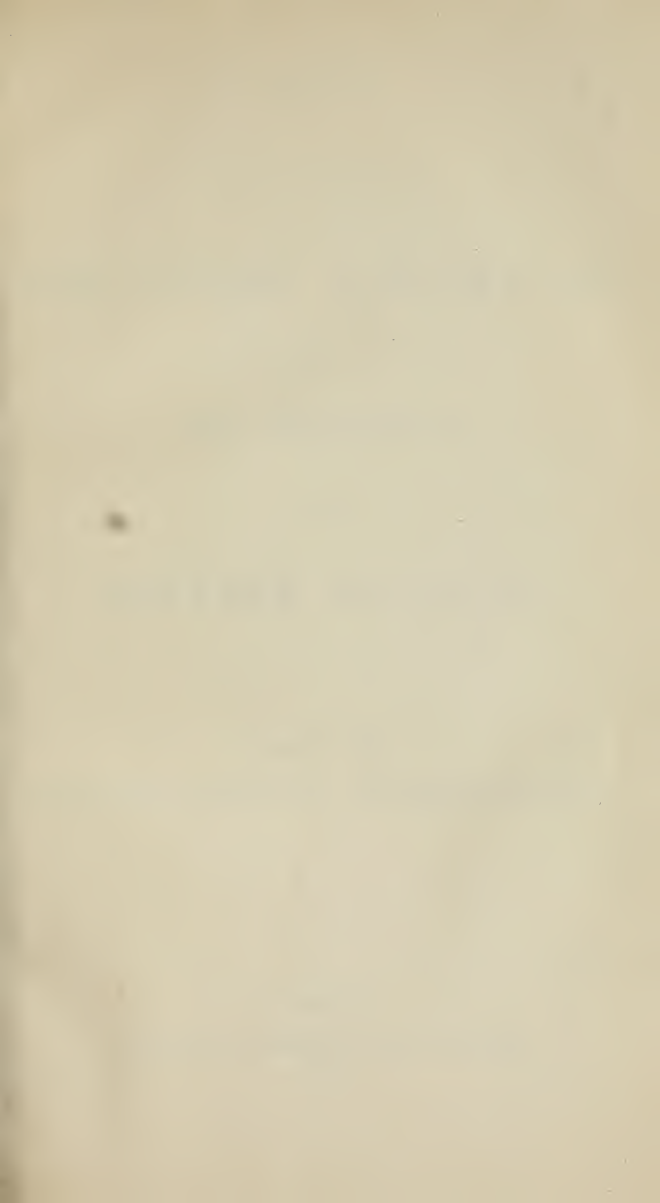
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d.

B.



1817





LIST
OF THE SPECIMENS OF
BRITISH ANIMALS
IN
THE COLLECTION
OF THE
BRITISH MUSEUM.

PART VII.
MOLLUSCA ACEPHALA AND BRACHIOPODA.



LONDON:
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1851.

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RED LION COURT, FLEET STREET.

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INTRODUCTION.

THE principal object of the present Catalogue has been, to give a complete list of the species of Mollusca which have been recorded as found in Great Britain, indicating at the same time the peculiarities of the specimens in the Museum Collection, as regards state, habitation, condition, and the source from whence they have been derived.

The synonyms have been given to the various divisions of the class, and to the genera and subgenera and the species, and a reference is made to the works in which they have been characterized and described; and some attention has been paid to the date at which the works appeared, to show the priority of publication of the various names and groups.

It has been considered desirable, wherever it was possible, to use the first name which has been given to the various classes, orders, genera, and species. As far as regards the specific name, there is comparatively little difficulty in the application of the simple rule of priority; but ordinal, and especially generic names have been used by different authors in senses so widely different, and the groups which they are intended to designate have been so variously extended and restricted, that it is no easy matter to determine, where

several names have been used, which of them ought to be preferred. In all such cases, if it is possible to understand by any means what was intended by the most ancient author, his name has been used, on the universal principle of treating each Naturalist as we ourselves would wish to be treated if we were in his position. As every original observer will constantly make use of characters which others may have overlooked, or not thought of so much importance as further research has shown to belong to them ; so when a generic name is used, it will of necessity be often employed in a different sense, or with a more restricted, or very rarely a more extended, meaning than its original proposer applied to it : if this were not allowed, many names must be added to the list of genera, which is, as this work proves, already so overburdened with synonyma.

At the end of each species, after the general habitat, is added an enumeration stating the state, age and habitat, and other peculiarities of the specimens of the kind in the Museum Collection.

JOHN EDWARD GRAY.

LIST OF BRITISH MOLLUSCA.

1. CONCHIFERA.

- Mollusca subsilientia, *Poli, Test. Sicil.* 1791.
Moll. acephales Conchylifères, *Lamk. Syst.* 136 (1801).
Conchifera, *Lamk. Hist.* v. 411, ed. 2. v. 1; *Fleming, Phil. Zool.*;
Gray, Syn. B.M. 1840, 1842, 72; *Proc. Zool. Soc.* 1848, 183.
Acephala testacea, part., *Cuvier, Tabl. Elem.* 1789; *Anat. Comp.*
1800; *Dict. Sci. Nat.* i. 131, 1804; *Fleming, B. A.* 225.
Acephalés Testacés, part., *Lamk. Extr. du Cour.* 104 (1812).
Acephalæa conchifera, *Lamk. Syst.* 105, 1801; *Phil. Zool.* 317,
1809.
Conchophora, *Gray, Med. Repos.* 1821, 236.
Acephalæa, *Lamk. Extr. du Cour.* 1812; *Desh. E.M.* iii. 553.
Lamellibranchiata, *Blainv.*
Acephalia Bivalvia, *Rafin. Anal. Nat.* 1815, 146.
Acephales Testacées Lamellibranches, *Rang, Man. Mol.* 272.
Acephala elaterobranchia, *Menke, Syn.* 97, 1830; *Alton, Verz.*
Conch. 12, 1839.
Gualtierii (Testacea) Bivalviæ (Conchæ), *Scopoli, Introd. Hist.*
Nat. 386, 396, 1777.
Bivalves, *Megerle, Berl. Mag.* 1811.
Endocephala, part., *Latr. Fam. Nat.* 203, 1825.
Pelecypoda, *Goldfuss, Handb. Zool.* i. 599.
Therozoa acephala, *Eichw. Zool. Spec.* i. 277.
Acephalophora, part., *Blainv. Prod.* 1814; *Dict. Sci. Nat.* xxxii.
Malac. 508.
Acephalæoda, *Fischer.*
Elatobranchia, *Menke, Syn.* ed. 2. 97, 1830.
Elatobranchiata, *Menke, Syn.* 57, 1828.
Conchifera (Orthoconchæ et Pleuroconchæ), *D'Orb. Pal. Fran.*
Terr. Cret. iii. 1843.
Conchæ, *Leach in Ross Voy. Baffin's Bay*, ii. 174, 1819.

- Bivalvia, *Bonnan. Ricerch.* 1681; *Major, Doctr. Test.* t. 10, 1675;
Lister, Syn. 1686; *Hebenstreit. Diss.* 1728.
 Dithyra, *Aristotle*; *Turton, Bivalves*, 1822; *Swinson, Malac.*
 253, 361, 1840.
 Ditoma, *Tournef. in Gualt. Index*, 1742.
 Conchæ (bivalves and multivalves), *Adanson, Senegal*, 195, 260,
 1757; *Linn. Syst. Nat.* ed. 11. 645, 1758; ed. 12. 1073, 1767.
 Bivalvia (Asiphonida et Siphonida), *Flem. B. A.* 225, 1828.
 Concha, *Breyn, Dissert. Polyth.* 7, 1732; *Linn. S. Nat.* ed. 2,
 ed. 6. 75, not *Klein*.
 Diconchæ, *Klein, Ostrac.* 113, 120, 1753.

Order I. PHYLLOPODA.

- Phyllopoda, *Gray, Med. Repos.* 1821, 237; *Syn. B. M.* 1840,
 1842, 74, 91; *Proc. Zool. Soc.* 1848, 183.
 Acephales lamellipedes, *Lamk. Cour.* 106, 1812.
 Conchifera (dimyaria lamellipedia), *Lamk. Hist.*
 Conch. lamellipedes, *Lamk. Hist.*
 Cardiacés, *Cuvier, R. A.*; *Ferussac, Prod.* 39.
 Cardia, *Eichw. Zool. Spec.* i. 280.
 Cardicea, *Menke, Syn.* 109.
 Lamellipedes, *Brown, Conch. Text-Book*, ed. 6. 136, 1833; *Hanley,*
Ill. Cat. i. 89, 1844.
 Dimyaria, part., *Lamk. Ann. Mus.* x. 389, 1807; *Extr. du Cour.*
 1812; *Swains. Elem. Conch.* 1835.
 Bimusclosa, part., *Gould*.

Fam. 1. VENERIDÆ.

- Veneridæ (Les Veneridéés), *Leach, Jour. Phys.* lxxxviii. 465,
 1819; *Gray, Syn. B. M.* 1840, 1842, 74; *Proc. Zool. Soc.*
 1848, 183; *Flem. B. A.* 404, 1828.
 Callista or Callistoderma, and Arthemis or Arthemiderma, *Poli,*
Test. Sicil. i. 98, 1791.
 Les Conques, part. et Les Lithophages, part., *Lamk. Cour.* 107,
 1812; *Hist.* v. 501, 556, ed. 2. vi. 263.
 Conchacés, § 2, part., *Rang, Man. Mol.* 306.
 Veneres (Les Venus), *Ferussac, Prod.* 44, 1821.
 Veneracea, *Menke, Syn.* 114, 1830; *Alton, Verz. Conch.* 12, 1839.
 Lithophaga, *Menke, Syn.* 117.
 Veneraceæ, *Menke, Syn.* 69, 1828; *Hinds, Zool. Sulph.* 65.
 Venerina, *Macgilliv. Moll. Aberd.* 210, 1843; *Milne-Edw. Elem.*
Zool. 1841.
 Venericardia, *F. Braun, Verz. Bayr. Petr.* 58, 1840.

Conchæ marinæ, part., *Lamk.* vi. 263.
 Veneriadæ, part., *Leach, MSS.* 1819; *Ann. & Mag. N. H.* xx. 272.
 Cythereadæ, *D'Orb.*
 Venerides, *Latr. Fam. Nat.* 218, 1825.
 Venerinæ, *Swains. Malac.* 372, 1840.
 Cycladina, part., *Latr. Fam. Nat.* 1825.

a. MERETRICINA.

Meretricina, *Gray, Proc. Zool. Soc.* 1847.
 Meretrix, *Lamk. Syst. A. s. V.*
 Cythereæ, *Lamk. Hist. A. s. V.*

1. DOSINIA.

Dosinia (Dosin), *Scopoli, Introd. N. H.* 339, 1777; *Herrmannsen, Ind.* 408.
 Chama (Dosin), *Adanson, Voy. Seneg.*
 Artemis and Artemiderma, *Poli, Moll. Sicil.* i. 98, 1791; *Blainv. Dict. Sci. Nat.* x. 216.
 Arthemis, *Blainv. Malac.* 556; *Desh.*; *Philippi, Moll. Sicil.*
 Orbiculus, *Megerle, Entw.* 58, 1811.
 Exoleta, *Brown, Text-Book*, 145, 1827.
 Assa, "*Leach, MSS.*; *Defrance in Basterot, Bord.* 9, 1825."
 Taras, *Risso, Eur. Merid.* iv. 1826.
 Venus β , *Schum. N. Syst.* 1817.
 Circompholos, *Klein, Conch.*
 Arctoë (Arctoa), *Risso, Eur. Merid.* iv. 362, 1826.
 Asa, *Leach*, 1819. *Ann. & Mag. N. H.* xx. 1847, 272.

1. DOSINIA EXOLETA.

Venus exoleta, *Linn. S. N.* 1134; *Chemn.* vii. 18. t. 38. f. 404;
Penn. B. Z. ed. 4. iv. 81. t. 54. f. 49 a, t. 56. f. 49; *Donov. B. S.*
 ii. t. 42. f. 1; *Wood, Linn. Trans.* vi. t. 17. f. 9, 10; *Pulteney*
Hutchins' Hist. Dorset, 34; *Mont. T. B.* 116; *M. & R. Linn.*
Trans. viii. 87. t. 3. f. 1; *Dorset Cat.* 35. t. 8. f. 5; *Turton,*
Conch. Dict. 241; *Born. Mus. Cæs.* t. 5. f. 9; *Poli, Test. Sic.*
 t. 21. f. 9-11; *Dillw. Rec. Shells*, i. 195; *Ind. Test.* t. 8. f. 83;
Blainv. Man. Malac. t. 74. f. 2.
 Artemis exoleta, *Forbes, M. G. S.* i. 414. 47; *Brown, Ill. C. G. B.*
 92. t. 36. f. 1-3; *Forbes & Hanley, Brit. Moll.* i. 428. t. 23.
 f. 3-4.
 Arthemis exoleta, *Desh. Elem. Conch.* t. 20. f. 9, 10, 11; *Philippi,*
Abbild. und Bes. i. 171; *Gray, Analyst*; *Agassiz*; *Lovén*, 39,
 283; *Brown, Ill. C.* ed. 2. 92.

Cytherea exoleta, Lamk. *Hist.* 2nd ed. vi. 314; *Turt. Brit. Biv.* 162. t. 8. f. 7; *Flem. Brit. An.* 445; *Macgilliv. Moll. Aberd.* 262; *Thorpe, Brit. Mar. Conch.* 84; *Philippi, Moll. Sic.* i. 41, ii. 32; *Hanley, Rec. Shells*, 102.

Asa exoleta, Leach, 1819; *Ann. & Mag. N. H.* xx. 1847. 272.

Arthemis pudica, *Arthemiderma exoleta*, Poli, ii. 252, 258.

Pectunculus capillaceus, Da Costa, 187. t. 12. f. 5, 5.

Exoleta orbiculata, Brown, *Ill. C.* t. 20. f. 2, 3, 19, 20.

Exoleta radula, Brown, *Ill. C.* t. 20. f. 1.

Cytherea sinuata, Turton, *Bivalves*, t. 10. f. 10, 11.

Lister, t. 291. f. 127. t. 292. f. 128.

a, b. Scotland.

c—e. Britain.

f. Falmouth harbour. Presented by W. P. Cocks, Esq.

g. Dublin Bay. Presented by T. Warren, Esq.

h—t. Britain.

u—y. Bantry Island.

z. Bantry Bay. Presented by Miss Warne.

aa—ee. Aberdour, Fifeshire. Presented by W. Baird, M.D.

ff, var. Ditto. Ditto.

gg, hh, var. Britain.

2. DOSINIA LINCTA.

Venus lincta, Solander, *Mus. Portland*; *Pulteney Hutchins' Hist. Dorset*, 34.

Cytherea lincta, Lamk. ed. 2. vi. 315; *Macgilliv. Moll. Aberd.* 262; *Flem. B. A.* 445; *Hanley, Rec. Shells*, i. 102.

Artemis lincta, Forbes, *M. G. S.* 414–418; *Forbes & Hanley, Brit. Moll.* i. 431. t. 28. f. 5, 6.

Exoleta lincta, Brown, *Ill. C.* t. 20. f. 4.

Arthemis lincta, Gray, *Analyst*; Agassiz; Lovén, *E. M.* 39; Brown, *Ill. C.* ed. 2. 92. t. 36. f. 2, 4; *Desh. Elem. Conch.* t. 20. f. 12, 13; *Philippi, Abbild. und Bes.* i. 171 (not *Cyth. lincta* of *Moll. Sic.*).

Venus sinuata, Gmel. *S. N.* 3285; *Turt. Conch. Dict.* 242; (= *List. Conch.* t. 289. f. 125, t. 290. f. 126.)

Cytherea sinuata, *Turt. Biv.* 163. t. 10. f. 10, 11 (not var. nor fig.).

Venus lupina, Linn. *S. N.* ed. 10. 689; *Poli*, t. 21. f. 8.

Venus lactea, Don. *B. S.* t. 149; *Mont. T. B. Supp.* 46.

V. exoleta, Penn. *B. Z.* ed. 1812. iv. 209. t. 59. f. 1, ed. 4. iv. 81. t. 56. f. 49.

V. exoleta, jun., *Mont. T. B.* 117.

V. exoleta, var. β , M. & R. Linn. *Trans.* viii. 87. t. 3. f. 2; *Dorset Cat.* 35. t. 1. f. 13.

V. lentiformis, Sow. *Min. Conch.* f. 203.

Asa lineta, Leach, 1819; *Ann. & Mag. N. H.* xx. 272.

VAR. *Artemis compta*, Lovén, *Moll. Scand.*; Forbes & Hanley, *B. M.* 433.

a—c. Scotland.

d. Dublin Bay. Presented by T. Warren, Esq.

e, f. Plymouth Sound.

g—o. Devonshire.

2. MYSIA.

Mysia (undata), Leach, 1818; *Ann. & Mag. N. H.* xx. 1847, 272; King, *Ann. N. H.* xviii. 242.

Lucinopsis, Forbes & Hanley, *Brit. Moll.* i. 435, 1848.

Venus, part. Pennant, *Brit. Zool.*

Lucina, part. Turton, *Brit. Bivalves*, 115.

Cytherea, part. Macgilliv. *Malac. Aberd.* 263.

Artemis, part. Alder, *Cat. North. Moll.* 84; Recluz.

Dosinia (sect.), Gray, *Proc. Zool. Soc.* 1847, 183.

1. MYSIA UNDATA.

Venus undata, Penn. *B. Z.* ed. 4. iv. 81. t. 55. f. 51; Wood, *Linn. Trans.* vi. t. 17. f. 17, 18; *Turt. Conch. Dict.* 241. f. 54; Mont. *T. B.* 117–574; Donovan. *B. S.* iv. t. 121; *Linn. Trans.* viii. 86; Philippi, *Sicil.* ii. 34; Flem. *Brit. An.* 448; Dillw. *Rec. Shells*, i. 197; *Ind. Test.* t. 8. f. 87; Lovén, 40, 290.

Lucina undata, Turt. *Brit. Biv.* 115; Thorpe, *Brit. Mar. Conch.* 73; Brown, *Ill. Conch. G. B.* 98. t. 39. f. 1, 2; Lamk. *H.* vi. 229; Hanley, *Rec. Shells*, 76.

V. incompta, Philippi, *Sicil.* i. 44. t. 4. f. 9.

Tellina caduca, Scacchi, *Not.* 15. t. 1. f. 5.

Lucina caduca, Scacchi, *Cat.* 5.

Cytherea undata, Macgilliv. *Moll. Aberd.* 263.

Artemis undata, Recluz; Thompson, *Rep. Brit. Assoc.* 1843, 267; Alder, *Cat. North. and Durh. Moll.* 84.

Mysia undata, Leach, 1818; *Ann. & Mag. N. H.* xx. 1847, 272; King, *Ann. N. H.* xviii. 242.

Lucinopsis undata, Forbes & Hanley, *Brit. Moll.* i. 435. t. 28. f. 1, 2. t. M. f. 2, animal.

a—e. Tenby.

f—j. Dublin Bay. Presented by T. Warren, Esq.

Monstrosity, fide Hanley, *Brit. Moll.* 435.

Venus sinuosa, Penn. *Brit. Moll.* iv. 81. t. 55. f. 51 *a*; Mont. *Test. Brit.* 120; Turton, *Bivalves*, 154. t. 10. f. 9?; Donovan, *Brit. Shells*, t. 42. f. 2? (not Lamk. n. 72).

Lucina flexuosa (part.), Desh.; Lamk. *Hist.*; Hanley, *Brit. Mar. Moll., from Donovan.*

3. DIONE.

Dione, *Gray, Proc. Zool. Soc.* 1847, 183.

Venus (Dione), *Megerle*, 1811; *Schum. N. Syst.* 1817.

Cytherea, part, *Lamk. Hist. A. s. V.* 1818; *Swainson, Malac.*

Chione, *Gray, in Analyst*, 1838; not *Megerle*, 1811.

Callista and Callistoderma, part, *Poli, Test. Sicil.* 1795.

Pectunculus, sp., *Da Costa, Brit. Shells*, 184.

1. DIONE GLABER.

Venus Chione, *Linn. S. N.* 1131=(*Lister, Conch.* t. 269. f. 105);
Don. B. S. i. t. 17; *Wood, Linn. Trans.* vi. t. 17. f. 3, 4; *Mont.*
T. B. 115; *Linn. Trans.* viii. 84; *Turton, Conch. Dict.* 239;
Chemn. Conch. Cab. vi. 344. t. 32. f. 343; *Poli, Test. Sic.* t. 20.
f. 1, 2; *Dillw. Rec. Shells*, i. 176; *Ind. Test.* t. 7. f. 44; *Pul-*
teney Hutchins' Dorset, 33; *Dorset Cat.* 35. t. 6. f. 7; *Blainv.*
Man. Malac. t. 74. f. 5; *Penn. B. Z.* ed. 1812. iv. 206, t. 54. f. 2.

Cytherea Chione, *Lamk. Hist.* ed. 2. vi. 305; *Turt. Brit. Biv.*
160. t. 8. f. 11; *Flem. Brit. An.* 444; *Thorpe, Brit. Mar.*
Conch. 83; *Brown, Ill. Conch. G. B.* 91. t. 37. f. 2; *Desh.*
Elem. Conch. t. 19. f. 4, 5; *Philippi, Moll. Sic.* i. 40, ii. 31;
Hanley, Recent Shells, 98. t. 7. f. 44; *Forbes & Hanley, Brit.*
Moll. i. 396. t. 27. t. L. f. 8, animal.

Pectunculus glaber, *Da Costa, B. C.* 184. t. 14. f. 7.

Cytherée fauve, *Chenu, Traité élément.* t. 3. f. 10.

Callista coccinea=Callistoderma chione, *Poli, Sicil.* ii. 252, 258.

Cytherea nitidula (young), *Lamk. Hist.* 2nd ed. vi. 305 (fide *Re-*
cluz & Philippi).

Regenfuss, *Choix, Coq.* t. 8. f. 17; *Enc. Méth. Vers*, t. 266. f. 1.

Queens, *Cornwall*.

a—f. Britain.

g, h. Devonshire (Exmouth).

i. Falmouth. Presented by W. P. Cocks, Esq.

j—n, jun. Britain.

4. CIRCE.

Circe (scripta), *Schum. N. Syst.* 152, 1817; *Gray, in Analyst*, 1838,
P. Z. S. 1847, 183.

Cytherea, sp., *Lamk. Hist.*

1. CIRCE MINIMA.

Venus minima, *Mont. T. B.* 121. t. 3. f. 3; *Linn. Trans.* viii. 81;
Turt. Conch. Dict. 236; *Dillw. Rec. Shells*, i. 166; *Ind. Test.*
t. 7. f. 17; *Penn. B. Z.* ed. 1812. iv. 203. no. 7.

Cyprina minima, *Turt. Biv.* 137; *Flem. B. A.* 444; *Thorpe, M.*
Conch. 82. f. 102; *Hanley, Rec. Shells*, i. 95.

- Crassina minima*, Gray, *Ann. Phil.* 1825.
Cyth. minuta, Brown, *Ill. Conch. G. B.* 92. t. 37. f. 4.
Circe minima, Forbes & Hanley, *Brit. Moll.* i. 446. t. 26. f. 4, 5, 6, 8, and t. M. f. 3, animal.
Venus triangularis, Mont. *T. B.* 577. t. 17. f. 3; *Linn. Trans.* viii. 83; *Turt. Conch. Dict.* 238; *Ind. Test.* t. 7. f. 35.
Cyprina triangularis, *Turt. Biv.* 136. t. 11. f. 19, 20; *Flem. B. A.* 444; *Thorpe, Brit. Mar. Conch.* 82; *Hanley, Rec. Shells*, i. 95.
Cytherea triangularis, *Macgilliv. Moll. Aberd.* 268.
Cyth. apicalis, *Philippi, Moll. Sic.* i. 40. t. 4. f. 5.
Circe triangularis, King, *Ann. Nat. Hist.* xv. 112.
Cyth. Cyrilli, *Philippi, Moll. Sic.* ii. 32; *Hanley, Rec. Shells, Supp.* t. 15. f. 26.
Cyth. minima, Brown, *Ill. Conch. G. B.* 92. t. 37. f. 3.
 a. (*Venus triangularis*.) Britain. *Mus. Montagu.*
 b. (*Venus minima*.) Ditto. Ditto.
 c, d. Milford Haven. Presented by R. M'Andrew, Esq.
 e—h. Oban.
 i, j. Lochfyne. Presented by Rev. D. Landsborough.
 k—p. Scotland.
 q—t. Inverary.
 u—w. Lamlash Bay. From Mr. Bean's Collection.

5. VENUS.

- Venus (verrucosa)*, *Linn. S. N. i.* 1128; *Lamk. Syst.* 122, 1801.
Venus (puerpera), *Swainson, Malac.* 372, 1840.
Dosina, Gray, *Analyst*, 1838; in *Yates, New Zealand*; in *Dieffenbach, New Zealand*, 1843; in *Syn. B. M.* 1842; *Sow. Man. ed.* 2. 141, 1842; *Morris, Brit. Foss.* 87; *Rev. Zool.* 1844, 405.
Callista and *Callistoderma*, part., *Poli, Test. Sicil.* 1795.
Clausina, Brown, *Conch. Text-Book*, 1827, not *Jeffreys*.
Venus, sp., *Swainson, Malac.*

1. VENUS VERRUCOSA.

- Venus verrucosa*, *Linn. S. N. ed.* 12, 1130; *Pulteney Hutchins' Hist. Dorset*, 32; *Mont. Test. Brit.* 112; *Linn. Trans.* viii. 78; *Chemn. Conch. Cab.* vi. 303. t. 29. f. 299, 300; *Wood, Linn. Trans.* vi. t. 17. f. 5, 6; *Donov. B. S.* ii. t. 44; *Forbes, M. G. S. i.* 415. 55; *Dorset Cat.* 34. t. 8. f. 1; *Lamk. Hist. ed.* 2. vi. 339, not vars.; *Poli, Test. Sic.* t. 21. f. 18, 19; *Desh. Elem. Conch.* t. 21. f. 1, 2; *Born, Mus. Cæs.* t. 4. f. 7; *Turton, Conch. Dict.* 231; *Turt. Brit. Biv.* 140; *Flem. Brit. An.* 446; *Thorpe, Brit. Mar. Conch.* 85; *Dillw. Rec. Shells*, i. 163; *Ind. Testac.* t. 7. f. 12; *Crouch, Introd. Conch.* t. 7. f. 6; *Hanley, Rec. Shells*, 110; *Forbes & Hanley, Brit. Moll.* i. 401. t. 24. f. 3; *Philippi, Moll. Sic.* i. 43, ii. 34; *Sow. Conch. Man. f.* 119*a*; *Penn. B. Z. ed.* 1812. iv. 201. t. 57. f. 1.

Clausina verrucosa, *Brown, Ill. C. t.* 20. f. 16. 2nd ed. 90. t. 36. f. 16*.

V. erycina, *Penn. B. Zool.* ed. 4. iv. 80. t. 54. f. 48; *Borlase, Cornw.* 278. t. 28. f. 32.

YOUNG. *Lister, Hist. Conch.* t. 284. f. 122.

Pectunculus strigosus, *Da Costa, Brit. Conch.* 185. t. 12. f. 1.

Callista gemella, *Callistoderma verrucosa*, *Poli*, ii. 252, 258.

V. Lemanii, *Payr. Moll. Corse*, 53. t. 1. f. 29, 30, 31 (fide *Desh. & Recluz*, from types).

Dosina verrucosa, *Gray, Analyst*, 1838.

Venus cancellata (young), *Donov. Brit. Shells*, iv. t. 115? (fide *Mont.*); *Mont. Test. Brit.* 574; *Turton, Brit. Biv.* 144. t. 10. f. 3; *Flem. Brit. An.* 447; *Thorpe, Brit. Mar. Conch.* 87.

a—h. Britain.

i—o. Ditto, dark-coloured.

p. Falmouth. Presented by W. P. Cocks, Esq.

q—s. Bantry Bay.

t, jun. Ditto. Presented by Miss Warne.

2. VENUS CASINA.

Venus casina, *Linn. S. N.* 1130; *Chemn. Conch. Cab.* vi. 306. t. 29. f. 301, 302; *M. & R. Linn. Trans.* viii. 79. t. 2. f. 1; *Mont. T. B. Supp.* 47; *Turt. Conch. Dict.* 232; *Brit. Biv.* 141. t. 9. f. 1; *Lovén, I. M. Suec.* 39. 286; *Dillw. Rec. Shells*, i. 165; *Forbes, M. G. S.* i. 415. 51; *Flem. Brit. An.* 446; *Macgilliv. Moll. Aberd.* 264; *Thorpe, Brit. Mar. Conch.* 86; *Lamk. Hist.* 2nd ed. vi. 340; *Ind. Test.* t. 7. f. 14; *Hanley, Rec. Shells*, 111; *Forbes & Hanley, Brit. Moll.* i. 405. t. 24. f. 1, 5, 6; *Penn. B. Z.* ed. 1812. iv. 202. t. 57. f. 2.

Clausina casina, *Brown, Ill. C. t.* 20. f. 15, 2nd ed. 90. t. 36. f. 15*.

Venus lactea, *Donov. B. S. v.* t. 149; *Mont. T. B. Supp.* 46; *Linn. Trans.* viii. 79.

Pectunculus membranaceus, *Da Costa, Brit. Conch.* 193. t. 13. f. 4, left hand.

Venus reflexa, var., *Mont. Test. Brit. Supp.* 41 & 168; *Mem. Wern. Soc.* i. t. 8. f. 1; *Turton, Conch. Dict.* 233; *Brit. Biv.* 142. t. 10. f. 1, 2; *Flem. Brit. An.* 446; *Macgilliv. Moll. Aberd.* 264; *Hanley, Rec. Shells*, 110; *Supp. t.* 16. f. 10.

V. verrucosa, worn, *Mont. T. B.* 112.

Dosina casina, *Gray, Analyst*, 1838.

YOUNG.

Venus reflexa, *Mont. T. B. Supp.* 40 & 168; *Laskey, Wern. Trans.* i. 384. t. 8. f. 1; *Turt. Biv.* 142. t. 10. f. 1, 2.

Cytherea reflexa, *Couch, Cornish Fauna*, 2. 26.

Clausina reflexa, *Brown, Ill. C. t.* 19. f. 12, 13?

Venus Discina, *Lamk. H.* vi. 338. 6; *Philippi, Sic.* 42; *Blainv. Man.* t. 75. f. 6; *Thorpe (Hanley), Brit. Mar. Conch.* 86.

V. Rusterucci, *Payraud. Moll. Cors.* f. 26, 27, 28.

Venus Erycina, *Penn. Brit. Zool.* ed. 4. iv. t. 54. f. 48 a, worn.

a—c. Britain.

d—j. Plymouth.

k—p. Oban.

q, monstrosity. Britain.

b. TAPESINA.

Venusina, *Gray, Proc. Zool. Soc.* 1847, 183.

Venus, sp., *Lamk. Hist. A. s. V.*

6. CYPRINA.

Cyprina (Islandica), *Lamk. Hist. A. s. V.* v. 556, 1818; ed. 2. vi. 287.

Cyprine, *Lamk. Extr. du Cour.* 1812.

Arctica (Islandica), *Schum. N. Syst.* 145, 1817.

Cytherea, sp., *Lamk.*

Pectunculus, sp., *Da Costa, Brit. Shells.*

1. CYPRINA ISLANDICA.

Venus Islandica, *Linn. S. N.* 1131 (not *O. Fabr. Faun. Græn.* 411); *Chemn. Conch. Cab.* vi. 340. t. 32. f. 341, 342; *Pulteney Hutchins' Hist. Dors.* 33; *Don. B. S.* iii. t. 77; *Mont. T. B.* 114; *Linn. Trans.* viii. 83; *Dorset Cat.* 35. t. 6. f. 5; *Lorén, I. M.* 38. 278; *Turt. Conch. Dict.* 238; *Müll. Z. Dan.* t. 28; *Dillw. Rec. Shells*, i. 176; *Ind. Test.* t. 7. f. 41; *Penn. B. Z.* ed. 1812. iv. 205. t. 56.

Cyprina Islandica, *Lamk. Hist.* ed. 2. vi. 290; *Turt. Biv.* 135; *Flem. Brit. An.* 443; *Forbes, M. G. S.* i. 413. 44; *Forbes & Hanley, Brit. Moll.* i. 441. t. 29. t. M. f. 4, animal; *Crouch, Introd. Conch.* t. 7. f. 2; *Blainv. Man. Malac.* t. 70 bis, f. 5; *Macgilliv. Moll. Aberd.* 257; *Thorpe, Brit. Mar. Conch.* 81; *Desh. Elem. Conch.* t. 18. f. 8–10; *Gould, Invert. Mass.* 82; *Hanley, Rec. Shells*, 1–95.

C. maxima, *S. Wood.*

C. æqualis, *Sow. M. C.*

C. vulgaris, *G. Sowerby, Gen. Shells*; *Brown, Ill. Conch. G. B.* 93. t. 37. f. 1, t. 38. f. 11; *Sow. Conch. Man.* f. 116; *Reeve, Conch. Syst.* t. 65.

V. mercenaria, *Linn. F. Suec.*; *Müller, Z. D.*; *Penn. B. Z.* iv. 81. t. 53. f. 47 (not *Linn. S. N.*).

Pectunculus crassus, *Da Costa*, 183. t. 14. f. 5.

Cyprine d'Islande, *Chenu, Traité élém.* 68. f. 243 (hinge).

a, b. Britain.

c. Falmouth. Presented by W. P. Cocks, Esq.

d—h. Britain.

i—o, jun. Britain.

p—w, jun. Inverary.

7. CHIONE.

Chione (Dysera), *Megerle, Entwurf.* 51, 1811; *Gray, P. Z. Soc.* 1847, 183; not *Blainv. Dict. Sci. Nat.* viii. 588, nor *Gray, Analyst*, 1838.

Antigone (cancellata), *Schum. N. Syst.* 154, 1817.

Venus, sp., *Lamk. Hist. A. s. V.* 1818.

Callista and Callistoderma, part., *Poli, Test. Sicil.*

Ortygia (gallina), *Leach, MSS.* 1819; *Brown, Conch. G. B.* 143, 1827 (not *Boie*).

Timoclea (ovata), *Leach, MSS.* 1819; *Brown, Ill. Conch. G. B.* t. 19, 1827.

* ORTYGIA.

1. CHIONE GALLINA.

Venus gallina, *Linn. F. S.* (not *Syst. Nat.*); *Chemn. f.* 308; *Wood, Linn. Trans.* vi. t. 17. f. 7, 8; *Matt. & R. Linn. Trans.* viii. 52; *Turton, Conch. Dict.* 234. f. 65; *Brit. Biv.* 149. t. 9. f. 2; *Forbes, M. G. S.* i. 415. 56; *Poli, t.* 21. f. 5, 6, 7; *Dorset Cat.* 35. t. 8. f. 2; *Flem. Brit. An.* 448; *Macgilliv. Moll. Aberd.* 265; *Thorpe, Brit. Mar. Conch.* 89; *Alder, North & Durh. Moll.* 85; *Dillw. Rec. Shells*, 168; *Lamk. Hist.* 2nd ed. vi. 347 (part.); *Ind. Test.* t. 7. f. 23; *Hanley, Rec. Shells*, 115; *Penn. B. Z.* ed. 1812. iv. 205. t. 59. f. 2.

Ortygia gallina, *Leach, MSS.*; *Brown, Ill. C.* t. 20. f. 11, 2nd ed. 89. t. 36. f. 11.

O. costata, *Brown, Ill. C.* t. 20. f. 13.

Pectunculus striatulus, *Da Costa, B. S.* 191. t. 12. f. 2.

Venus striatula, *Donov. B. S.* ii. t. 68.

V. striatula, *Mont. T. B.* 113; *Lovén, Ind. Moll. Skand.* 39. 288; *Forbes & Hanley, Brit. Moll.* i. 408. t. 23. f. 4, t. 24. f. 4, t. 26. f. 9, 10, 11.

Venus Pennantii, *Forbes, Malac. Monens.* 52.

Venus laminosa, *Turt. Conch. Dict.* 233 (except description of hinge, which is copied from *Mont.*); *Brit. Biv.* 148. t. 10. f. 4; *Thorpe, Brit. Mar. Conch.* 89; *Hanley, Rec. Shells, Supp.* t. 16. f. 11.

Pectunculus sulcatus, *Da Costa, B. S.* 192.

Venus Prideauxiana, *Couch, Cornish Fauna*, pt. 2. 26; *Macgilliv. Moll. Aberd.* 266.

V. casina, *Pulteney Hutchins' Hist. Dorset*, 33 (not *Linn.*).

V. sulcata, *Brown, Conch. G. B.* 90. t. 36. f. 12.

V. rugosa, var., *Penn. B. Z.* ed. 4. iv. 81. t. 56. f. 50; *Flem. Brit. An.* 448.

Ortygia rugosa, *Leach*; *Brown, Ill. C.* t. 20. f. 14, 2nd ed. 90. t. 36. f. 14.

Venus costata, *Brown, Ill. Conch. G. B.* 90. t. 36. f. 13.

Callista candida, *Callistoderma gallina, Poli*, ii. 252, 258.

Venus laminosa? *Mont. Test. Brit. Supp.* 38; *Laskey, Mem. Wern. Soc.* i. 384. t. 8. f. 16; *Brown, Ill. Conch. G. B.* 90. t. 37. f. 14, 15 (copied from last).

Lister, Hist. Conch. t. 282. f. 120.

VAR. rather more elongated behind.

Venus striatula β , *Loven*, 39.

Venus laminosa, *Turt. Biv.* 148. t. 10. f. 4.

V. Pennantii, *Forbes in Thompson, Rep. Brit. Assoc.* 1843, 262.

V. rugosa, *Flem. B. A.* 448.

V. Prideauxiana, *Macg. Moll. Aberd.*

V. gallina, var., *Jeffrey, Conch. Mag.* 44.

Ortygia Prideauxiana, *Leach, MSS.*

O. sulcata, *Brown, Ill. C.* t. 20. f. 12.

VAR. smoother.

Venus pallida, *Turton, Biv.* 150. t. 10. f. 5.

a—v. Britain.

w, x. Stevenston, Ayrshire.

y, z. Edinburgh. Presented by Miss Greville.

aa—ff. Weymouth. Presented by Miss Bennett.

gg—ll. Britain.

mm—yy. Salcomb. (*Venus striatula*) *Mus. Montagu.*

zz—dd, var. Northumberland.

eee. *Venus rugosa*, *Brown.* Firth of Forth.

fff. *Venus sulcata*, *Brown.* Firth of Forth.

ggg, hhh. *Venus laminosa*, *Mont.?* Zetland. Presented by R. M'Andrew, Esq.

** TIMOCLEA.

2. CHIONE OVATA.

Venus ovata, *Penn. B. Z.* ed. 4. 83. t. 56. f. 56, ed. 1812. iv. 206. t. 59. f. 3; *Mont. T. B.* 120; *M. & R. Linn. Trans.* viii. 85. t. 2. f. 4; *Dorset Cat.* 35. t. 1. f. 15; *Turt. Conch. Dict.* 239; *Brit. Biv.* 150. t. 9. f. 3; *Forbes, M. G. S.* i. 415. 54; *Malac. Monens.* 52; *Macgilliv. Moll. Aberd.* 267; *Thorpe, Brit. Mar. Conch.* 90; *Brown, Ill. Conch. G. B.* 91. t. 37. f. 11; *Dillw. Rec. Shells*, 171; *Lamk. Hist.* 2nd ed. vi. 370; *Ind. Test.* t. 7. f. 30; *Mawe, Conchol.* t. 10. f. 5; *Hanley, Rec. Shells*, 116; *Forbes & Hanley, Brit. Moll.* i. 419. t. 24. f. 2, t. 26. f. 1, t. L. f. 6, animal.

Cytherea ovata, *Flem. B. A.* 445; *Thompson, Rep. Brit. Assoc.* 1843, 262.

Timoclea ovata, *Brown, Ill. C.* t. 19. f. 11.

T. Pennantii, "*Leach, MSS.*" *Brown.*

V. radiata, *Brocchi*, 543. t. 15. f. 3; *Philippi, Moll. Sic.* i. 44.

& ii. 34; *Desh. Elem. Conch.* t. 20. f. 17, 18.

V. spadicea, *Renieri*; *Nyst*.

V. pectinata, *Lamk. H.* n. 26, 2nd ed. vi. 348.

Cardium striatum radiatum, *Walker, MS.* f. 82.

a—d. Sunderland.

e—j. Bantry.

k, l. Dublin Bay. Presented by T. Warren, Esq.

m—g g. Britain.

h h, i i. Zetland. Presented by R. M'Andrew, Esq.

jj—m m. Britain. Presented by Mrs. Robinson.

*** CLAUSINELLA.

3. CHIONE FASCIATA.

Venus fasciata, *Dors. Cat.* 34. t. 7. f. 3; *Linn. Trans.* viii. 80; *Donov. B. S. v.* t. 170; *Dillw. R. S.* 159; *Hanley, Rec. Shells*, i. 412; *Flem. Brit. An.* 447; *Turt. Conch. Dict.* 234; *Brit. Biv.* 146. t. 8. f. 9; *Philippi, Sicil.* ii. 381; *Lovén, I. M.* 39. 287, not *Gmelin*; *Forbes, Malac. Monens.* 52; *Macgilliv. Moll. Aberd.* 267; *Thorpe, Brit. Mar. Conch.* 88; *Brown, Ill. Conch. G. B.* 91. t. 36. f. 10; *Burrows, Elem. Conch.* t. 7. f. 2; *Dillw. Rec. Shells*, i. 159; *Desh. in Lamk. Hist.* 2nd ed. vi. 371, & *Elem. Conch.* t. 20. f. 4, 5; *Forbes & Hanley, Brit. Moll.* i. 415. t. 23. f. 3, t. 26. f. 7, t. L. f. 7, animal; *Penn. B. Z.* ed. 1812. iv. 203. no. 6.

Pectunculus fasciatus, *Da Costa, Brit. Conch.* 188. t. 13. f. 3.

Dosina fasciata, *Forbes, M. G. S.* i. 415. 52.

Venus Paphia, *Mont. T. B.* 110 (not *Linn.*); *Pulteney Hutchins' Hist. Dorset*, 33.

Clausina fasciata, *Brown, Ill. C.* t. 20. f. 10.

Venus Brongniarti, *Payr. Cors.* 51. t. 1. f. 23–25; *Philippi, Sic.* i. 43.

V. Dysera minor, *Broc.* t. 16. f. 7 (not *Linn.*).

Astarte Dysera, *Jonkaire.*

a—c. Dublin Bay. Presented by T. Warren, Esq.

d—g. Scotland.

h—x. Britain.

8. TAPES.

Tapes (litteratus), *Megerle, Entw.* 51, 1811; *Gray, Syn. B. M.* 1842, 75, 91; *Proc. Z. Soc.* 1848.

Tapes (pullastra), *Schum. N. Syst.* 136, 1817.

Pullastra, *Sow. Genera*, t. 1827; *Man.* ed. 2. 239; *Zool. Journ.* iii. 134; *Alton, Verz.* 8. 1839.

Rupellaria, *Bellevue, Jour. Phys.* liv. 1802; *Bull. Soc. Philom.* n. s. 62; *Blainv. D. S. N.* xlv. 450; *Recluz, Rev. Zool.* 1846, 408.

Les Rupellaires, *Lamk. Extr. du Cour.* 1812.

Venus (Les Ruperelles), *Blainv. Malac.* 559, 1825.

- Venerupis*, Lamk. *Hist. A. s. V.* 506, 1818, ed. 2, vi. 161; *Turton, Bivalves*; *Fleming, B. A.* 441, 1828.
Irus, Oken, *Lehrb. Naturg.* 1815.
Petricola, part., *Schweiger, Naturg.* 704, 1820.
Gastrana, § 2, *Schum. N. S.* 136, 1817.
Petrifora?, *Latr.*
Callista and *Callistoderma*, part., *Poli, Test. Sicil.* 1795,
Paphia, part., *Bolten, Mus.* 1798, not *Lamk.*
Capsa (pullastra), *Leach, MSS.* 1817, 1818; *Ann. & Mag. N.H.* xx. 272, not *Lamk.*
Venerirupis, *Sow. Man.* 113, 1839.
Venerirupes, *Swains. El. Conch.* 1835.
Venerupes, *Swainson, Malac.* 376.
? *Petricola*, sp., *Lamk. Hist. A. s. V.* 1816.
? *Saxidomus*, *Conrad, Journ. Acad. N. S. Phil.*

1. TAPES DECUSSATA.

- Venus decussata*, *Linn. S. N.* 1135; *Chemn. Conch. Cab.* vii. 58. t. 43. f. 455, 456; *Pulteney Hutchins' Hist. Dorset*, 34 (chiefly); *Dorset Cat.* 36. t. 6. f. 4; *Donov. B. S.* ii. t. 67; *Mont. T. B.* 124; *Wood, Trans. Linn. Soc.* vi. t. 17. f. 11, 12; *M. & R. Linn. Trans.* viii. 88. t. 2. f. 6; *Thorpe, Brit. Mar. Conch.* 93; *Turt. Brit. Bivalves*, 158. t. 8. f. 10; *Conch. Dict.* 244; *Dillw. Rec. Shells*, i. 206; *Lamk. Hist.* 2nd ed. vi. 357 (not var. 4); *Ind. Test.* t. 8. f. 107; *Philippi, Moll. Sic.* i. 45. t. 4. f. 11, & 11. 35; *Hanley, Rec. Shells*, 122. l. t. 8. f. 107; *Penn. B. Z.* ed. 1812. iv. 210. t. 60. f. 2.
Pullastra decussata, *Brown, Ill. C.* ed. 2. 88. t. 37. f. 5, 6; *Forbes, M. G. S.* i. 414. 49.
Venus litterata, *Penn. B. Z.* ed. 4. iv. 82. t. 57. f. 53 (not *Linn.*).
Venerupis decussata, *Flem. Brit. An.* 451; *Macgilliv. Moll. Aberd.* 339.
Cuneus reticulatus, *Da Costa, B. C.* 203. t. 14. f. 4.
Capsa reticulata, *Leach*, 1818; *Ann. & Mag. N. H.* xx. 272.
Venus deflorata, *Born*, t. 5. f. 2.
V. florida, *Poli, Test. Sic.* t. 21. f. 16, 17.
V. variegata, *Gmel.* 3281.
Tapes decussata, *Forbes & Hanley, Brit. Moll.* i. 379. t. 25. f. 1; *Lister, Ang.* t. 4. f. 20; *Conch.* t. 423. f. 271.
a, b. Sussex. Presented by F. Dixon, Esq.
c, d. Cork. Presented by Miss Elliot.
e—i. Britain.
j. Scotland.
k. Teignmouth.
l—n. Falmouth. Presented by W. P. Cocks, Esq.
o—q, jun. Britain.

2. TAPES PULLASTRA.

Venus Pullastra, Wood, *Linn. Trans.* vi. t. 17. f. 13, 14; *Mont. T. B.* 125; *M. & R. Linn. Trans.* viii. 88. t. 2. f. 7; *Hanley, Rec. Shells*, 122; *Dors. Cat.* 36. t. 1. f. 8; *Turton, Conch. Dict.* 244; *Brit. Biv.* 159; *Lamk. Hist.* ed. 2. vi. 358; *Thorpe, Brit. Mar. Conch.* 94; *Ind. Test.* t. 8. f. 109; *Lovén*, 40. n. 293; *Forbes, M. G. S.* i. 414, 50; *Malac. Monens.* 53; *Penn. B. Z.* ed. 1812. iv. 210. no. 27.

Venus vulgaris, *Brod. Penny Cyclop.* xxvi. 211.

Venerupis pullastra, *Flem. B. A.* 451; *Macg. Moll. Aberd.* 269.

Capsa pullastra, *Leach*, 1818; *Ann. & Mag. N. H.* xx. 272.

Venerupis vulgaris, *Sow. Conch. Man.* 97.

Venus plagia (var.), *Jeffreys, Ann. Nat. Hist.* xix. 313.

V. senegalensis, *Dillwyn, R. S.* i. 206.

Pullastra perforans, *Brown, Ill. Conch. G. B.* 89. t. 37. f. 10.

Pullastra vulgaris, *Sow. Gen.* f. 1; *Brown, Ill. C.* ed. 2. 89. t. 37. f. 7.

Venus perforans, *Mont. Test. Brit.* 127. t. 3. f. 6; *Linn. Trans.* viii. 89; *Turton, Conch. Dict.* 245; *Dillw. Rec. Shells*, i. 206; *Ind. Test.* t. 8. f. 108.

V. pullastra (var. *perforans*), *Jeffreys, Conch. Mag.* 43.

Tellina rugosa? *Penn. Brit. Zool.* ed. 4. iv. t. 57. f. 34.

Venerupis perforans, *Lamk. Hist.* ed. 2. vi. 162; *Turt. Brit. Biv.* 29. t. 2. f. 15-18; *Flem. Brit. An.* 451; *Thorpe, Brit. Mar. Conch.* 61; *Crouch, Introd. Conch.* t. 5. f. 5; *Hanley, Rec. Shells*, 54; *Philippi, Wieg. Arch. f. Natur.* 1845, 190. t. 7. f. 15-18.

Capsa perforans, *Leach, MSS.* 1818; *Ann. & Mag. N. H.* xx. 272.

Venerupis nucleus, *Lamk. Hist.* ed. 2. vi. 162; *Macgilliv. Edin. New Phil. Journ.* 1827, 370; *Delessert, Rec. Coq.* t. 5. f. 1; *Hanley, Rec. Shells*, 54.

Venus palustris, *Mawe, Lin. Conch.* t. 10. f. 3.

Tapes Pullastra, *Forbes & Hanley, Brit. Moll.* i. 382. t. 25. f. 2, 3. t. L. f. 5, 5 a (animal).

? *Venus plagia*, *Jeffreys, Ann. & Mag. N. H.* xix. 313.

Pullers and Pullets, *Devon.*

a. Britain. Presented by Mrs. Robinson.

b—m. Ditto.

n, o, tubes of animal. Britain.

p—s. Aberdour, Fifeshire. Presented by Dr. Baird.

t, u. Saltcoats.

v, x. Northumberland.

y—d d. Edinburgh. Presented by Miss Greville.

e e—g g, jun. Britain.

h h—j j, jun. Falmouth. Presented by W. P. Cocks, Esq.

k k—x x. Britain.

Venus perforans, *Mont.*

y y. Ditto. *Dawlish.*

z z—*b b b*. *Britain.*

(*Var. monstrosa. Venus sinuosa?*)

c c c. *Dawlish.*

(*Var. monstrosa.*)

3. TAPES VIRGINEA.

Venus virginea, *Thorpe, Brit. Mar. Conch.* 92; *Pult. Hutchins' Dorset*, 34; *Dorset Cat.* 36. t. 13. f. 1; *Forbes, Malac. Monens.* 53; (not *Linn. S. N.* ed. 12. 1136); *Dillw. Rec. Shells*, i. 207; *Lamk. Hist.* 2nd ed. vi. 360; *Ind. Test.* t. 8. f. 110; *Hanley, Rec. Shells*, 123. t. 8. f. 110; *Mont. T. B.* 128, 576; *M. & R. Linn. Trans.* viii. 89. t. 2. f. 8; *Turt. Conch. Dict.* 246; *Brit. Biv.* 156. t. 8. f. 8. = *V. florida*, *Lamk., Lovén; Penn. B. Z.* ed. 1812. t. 58.

V. rhomboides, *Penn. B. Z.* ed. 4. iv. 83. t. 55. f. (no number).

V. pullastra virginea, *Forbes, M. G. S.* i. 415. 53.

Venerupis virginea, *Flem. B. A.* 452; *Macgill. Moll. Aberd.* 269.

Cuneus fasciatus, *Da Costa, Brit. Conch.* 204.

Venus læta, *Poli*, t. 21. f. 1.

Venus virago, *Lovén, I. M. Skand.* 40. 291.

Pullastra virginea, *Brown, Ill. Conch. G. B.* 89. t. 37. f. 8, 9. t. 36. f. 6.

Tapes virginea, *Forbes & Hanley, Brit. Moll.* i. 388. t. 25. f. 4-6.

Capsa virgo, *Leach*, 1818; *Ann. & Mag. N. H.* xx. 272.

VAR. (shorter, higher).

Venus Sarniensis, *Turt. Brit. Biv.* 153. t. 10. f. 6; *Thorpe, Brit. Mar. Conch.* 91.

Venerupis Sarniensis (var.), *Flem. B. A.* 452; *Macgilliv. Moll. Aberd.* 269.

Lister, Conch. 403. 247?

? *V. sinuosa*, *Turton, Biv.* 154. t. 10. f. 9? distorted?, not *Donovan*.

YOUNG.

Tellina elliptica (fry)? *Brown, Ill. Conch. G. B.* 101. t. 40. f. 20, 21.

a. *Britain.* Presented by Mrs. Robinson.

b, c. *Dublin Bay.* Presented by T. Warren, Esq.

d. *Falmouth Harbour.* Presented by W. P. Cocks, Esq.

e, f. *Scotland.*

g—y. *Britain.*

z—b b. *Britain.* Mus. Laskey.

(*Venus Sarniensis, Turt.*)

4. TAPES AUREA.

Venus aurea, *Gmel. S. N.* 3288; *Mont. T. B.* 129-576; *Dorset Cat.* 36. t. 13. f. 3; *M. & R. Linn. Trans.* viii. 90. t. 2. f. 9;

- Thorpe, Brit. Mar. Conch.* 92; *Turt. Conch. Dict.* 247; *Brit. Biv.* 155. t. 9. f. 7, 8; *Flem. Brit. An.* 449; *Dillw. Rec. Shells*, 207; *Lamk. Hist.* ed. 2. vi. 360; *Ind. Test.* t. 8. f. 111; *Philippi, Moll. Sic.* i. 47, ii. 35; *Hanley, Rec. Shells*, i. 123. t. 8. f. 111; *Penn. B. Z.* ed. 1812. iv. 212. t. 60. f. 1.
- Pullastra aurea, Brown, Ill. C.* ed. 2. 89. t. 36. f. 5, 7, 8; *Forbes, M. G. S.* i. 414. 51.
- V. literata, Linn. F. Suec.* (not *Linn. S. N.*).
- V. nebulosa, Solander; Pult. Dors.* 34.
- Tellina rugosa, Penn. B. Z.* ed. 4. iv. 75. n. 34. t. 57. f. 34.
- Lister*, t. 404. f. 249 A.
- Tapes aurea, Forbes & Hanley, Brit. Moll.* i. 392. t. 25. f. 5.
- Capsa crocea, Leach*, 1818; *Ann. & Mag. N. H.* xx. 272.
- a—f.* Falmouth. Presented by W. P. Cocks, Esq.
- g—k* (with purple inner lip). Britain.
- l—x.* Britain.
- y, z*, var.? Loch Ryan.
- a a—g g* (rounded). Britain.
- h h.* Britain. *Venus ænea, Turt.*

VAR.

- Venus ænea, Turt. Conch. Dict.* 248? f. 20; *Bivalves*, 152. t. 10. f. 7; *var. Flem. Brit. An.* 449; *Thorpe, Brit. Mar. Conch.* 91.
- Venus nitens, Turt. C. Dict.* 247; *Bivalves*, t. 10. f. 8, *var.*; *Flem. Brit. An.* 449; *Thorpe, Brit. Mar. Conch.* 93.

MONSTROSITY.

- Venus sinuata, Turton* (not *Penn.*), *Conch. Dict.* 242; *Brit. Biv.* 155. t. 9. f. 7, 8; *Flem. Brit. An.* 449; *Thorpe, Brit. Mar. Conch.* 92.

Fam. 2. CORBICULADÆ.

- Corbiculadæ, Gray, Proc. Zool. Soc.* 1848, 184.
- Cyrenidæ, Gray, Syn. B. M.* 1840; 1842, 75, 91.
- Les Conques **, Lamk. Cour.* 107, 1812.
- Les Conques fluviatiles, Lamk. Hist.* v. 556, ed. 2. v. 263.
- Conchacés, § 2. part., Rang, Man. Moll.* 312.
- Cyclades, Feruss. Prod.* 43.
- Cycladées, Rafinesque, Anal. Nat.* 1815.
- Veneridia Isoperia, Rafin. Anal. Nat.* 1815.
- Cycladea, Menke, Syn.* 110, 1830; *Alton, Verz. Conch.* 12; *Desh. Enc. Meth.* iii. 552.
- Cycladina, Macgilliv. Moll. Aberd.* 208; *Latr. Fam. Nat.* 1825 (not *Cantraine*).
- Cycladacea, Hinds, Zool. Sulph.* 66, 1844.

- Cycladæ, *Fleming, B. A.* 409, 1828; *Gray in Turton, Man.* ed. 2. 277, 1840.
 Cyclas, *Lamk. Syst.* 1801.
 Cycladia, *Rafin. Coq. Biv. Ohio*, 1820.
 Cycladeæ, *Menke, Syn.* ed. 1.
 Cyclasidæ, *D'Orbigny, Voy. Amér. Mérid.*; *Geinitz.*
 Veneriadæ, part., *Leach*, 1818; *Ann. & Mag. N. H.* xx. 272.

1. SPHÆRIUM.

- Sphærium (cornea), *Scopoli, Introd. N. Hist.* 397, 1777 (not *Charp.* 1824).
 Nux, *Humph. Calonne Cat.* 1796.
 Cycladea, *Rafin. Anal. Nat.* 1815.
 Cornea, *Megerle, Entwurf.* 56, 1811.
 Cyclas, sp. *Lamk. Hist. An. s. V.* 1818.
 Cyclas, sp. *Brug. Ency. Meth.* 301, 1792; *Lamk. Sys. A. s. V.* 123, 1801; not *Klein*, 1753; *Leach*, 1818.
 Corneocyclas, *Ferussac in Blainv. Dict. Sci. Nat.* xii. 277, 1818.
 Cyglas, *Oken, Lehrb. Nat.* (error of press).
 Cyclas, *Pfeiffer, Naturg.* i. 123, ii. 3, 1822; *Nilsson, Moll. Suec.* 95.

1. SPHÆRIUM RIVICOLE.

- Tellina cornea* β, *Maton & Racket, Linn. Trans.* viii. 59; *Turton, Conch. Dict.* 180; *Wood*, t. 46. f. 3.
Cardium corneum, var. *Montagu, T. B.* 86.
Cyclas cornea, *Drap. Hist. Moll.* 128. t. 10. f. 1, 3 (not *Müller*); *Brard, Coq. ter. et fluv. de Paris*, 219. t. 8. f. 2, 3.
C. rivicola, *Leach, MSS.*; *Lamk. Hist.* v. 558, 2nd ed. vi. 267; *Pfeiffer, L. & Suss. Moll.* 121. t. 5. f. 3, 5; *Turton, Bivalves*, 248. t. 11. f. 13; *Man. Land & Freshwater Shells*, 12. t. 1. f. 1; *Gray, ditto*, 279. t. 1. f. 1; *Fleming, Brit. Anim.* 452; *Jenyns, Trans. Camb. P. S.* iv. 294; *Brown, Ill. Con. G. B.* 93. t. 39. f. 16-18; *Sow. Gen. Shells, Cyclas*; *Kickx, Moll. Brab.* 86; *Desh. Enc. Meth.* ii. pt. 2. 36; *Sow. Conch. Man.* f. 111; *Reeve, Conch. Syst.* t. 62; *Hanley, Rec. Shells*, i. 89. t. 5. f. 90.
Pisum rivicola, *Blainv. Malac.*; *Forbes & Hanley, Brit. Moll.* ii. 111. t. 37. f. 1, 2. and t. Q. f. 1 (animal).

YOUNG, compressed, pale.

Tellina æquata, *Sheppard, MSS. Brit. Mus.*

Cardium nux, part., *Da Costa, Brit. Con.* 189.

Cardium amnicum, *Dorset Cat.* 32; *Enc. Meth. Vers*, t. 302. f. 5.

a—k. Wednesbury, Warwickshire. Presented by Mrs. Corrie.

l—q. Surrey Canal.

r—y. Britain.

z, a a. River Fosse, York. Presented by Rev. W. Hincks.
b b—r r, old and young. York. Presented by P. Carpenter, Esq.

2. SPHÆRIUM CORNEUM.

Tellina cornea, *Linn. S. N.* ed. 12. 1120; *Faun. Suec.* ed. 2. 517; *Linn. Trans.* viii. 59; *Donov. B. S.* iii. t. 96; *Turt. Conch. Dict.* 179; *Penn. Brit. Zool.* ed. 4. 75. t. 49. f. 36. ed. 1812. t. 52. f. 3; *Schroëter, Flussconch.* 189 (pars). t. 4. f. 4; *Dillw. Rec. Shells*, i. 104.

Nux nigella, *Humph. Calonne Cat.*

Tellina rivalis, *Müller, Verm. Hist.* ii. 202.

Cardium corneum, *Mont. T. B.* 86; *Pulteney Hutchins' Dorset*, 31.

Cardium nux, part., *Da Costa, B. S.?*

Cyclas cornea, *Lamk. Hist.* v. 558, ed. 2. vi. 268 (not vars.); *Pfeiffer*, 120. t. 5. f. 1, 2; *Nilsson, Moll. Suec.* 96; *Turton, Biv.* 248. t. 11. f. 14; *Man. Land and Freshwater Shells*, 13. t. 1. f. 2; *Gray, ditto*, 280. t. 1. f. 2; *Flem. B. A.* 452; *Jenyns, l. c.* iv. 295; *Brown, Ill. Con. G. B.* 93. t. 39. f. 19; *Kickx, Moll. Brabant*, 87; *Philippi, Moll. Sic.* ii. 30; *Gras, Moll. t. et fl. France*, 72. t. 6. f. 2; *Hanley, Rec. Shells*, 1–89; *Supp.* t. 9. f. 15; *Forbes & Hanley, Brit. Moll.* ii. 113. t. 37. f. 3–6.

VAR. 1. *Stagnicola*. Shell subglobose, rather flattened on the basal edge; umbones tumid, pellucid, very prominent.

Cyclas rivalis, *Drap. Moll.* 129. t. 10. f. 4, 5; *Brard, Coq. ter. et fl.* 222. t. 8. f. 4, 5.

Tellina stagnicola, *Shep. Linn. Trans.* xiv. 150.

Cyclas flavescens, *Macgilliv. Moll. Aberd.* 246.

Cyclas stagnicola, *Leach, MSS. Brit. Mus.*

C. cornea β , *Jenyns, l. c.* 8.

Cyclas citrina, *Brown, Ill. Conch. G. B.* 132. t. 39. f. 37.

VAR. 2, *gibbosa*. Shell very gibbous; margin very blunt.

VAR. 3. *compressa*. Shell rather compressed; the margin meeting at an acute angle.

VAR. 4, *minor*. Small, nearly globular.

a—m. Coggeshall, Essex.

n—z, old and young. York. Presented by P. Carpenter, Esq.

a a—w w. Near Edinburgh. Presented by Miss Greville.

x x—q q q. Regent's Canal.

r r r—w w w, old and young. Brislington near Bristol. Presented by P. Carpenter, Esq.

x x x, y y y, young. Campsey Ash, Suffolk. Presented by Rev. — Sheppard.

Tellina æquata, *Sheppard*.

z z z—h h h. Aberdeenshire. Presented by Professor Macgillivray.

Cyclas flavescens, *Macgilliv.*

i i i i. Lakes of Cumberland.

Cyclas flavescens.

3. SPHÆRIUM LACUSTRE.

Cardium lacustre, *Mont. T. B.* 89.

Tellina lacustris, *Linn. Trans.* vii. 60; *Turton, C. D.* 180; *Wood, Gen. Conch.* 197. t. 47. f. 5; *Dillw. Rec. Shells*, i. 104; *Penn. B. Z.* ed. 1812. iv. 184. no. 23.

Cyclas calyculata, *Drap.* 130. t. 10. f. 14, 15; *Lamk. Hist.* v. 559, ed. 2. vi. 269; *Brown, Ill. C. G. B.* 94. t. 39. f. 28; *Hanley, Rec. Shells*, 1–89; *Gras, Moll. t. et fl.* 73. t. 6. f. 5; *Philippi, Moll. Sic.* ii. 214; *Forbes & Hanley, Brit. Moll.* ii. 115. t. 37. f. 7. (as *lacustris*) t. O. f. 7, animal; *Pfeiffer*, 122. t. 5. f. 17, 18; *Nilsson*, 99; *Turton, Man.* ed. 1. 14. t. 1. f. 3; *Kickx, Moll. Brab.* 89; *Desh. E. M. Vers*, ii. pt. 2. 37.

Cyclas lacustris, *Turton, Biv.* 249. t. 11. f. 18; *Brown, Ill. Conch. G. B.* 94. t. 39. f. 20; *Flem. Brit. An.* 453.

YOUNG. The apex of the shell large relatively to the size of the specimen.

Inhab. rivers.

VAR. 1. Shell orbicular, less compressed, subdiaphanous, reddish brown.

Cyclas lacustris, *Alder, Cat.* 1, 40, *Brit. Mus.*; *Alder, Trans. Nat. Hist. Soc. Newcastle*, 1, 40; *Gray, Man. L. & Freshw. Shells*, 281. t. 1. f. 3.

Cyclas calyculata β, *Jenyns, l. c.* 11.

Inhab. ponds.

VAR. 2. Shell orbicular, rhombic, rather ventricose, subdiaphanous, reddish; umbones less prominent, blackish.

Cyclas stagnicola, *Leach, MSS. fide Lamk.*

C. calyculata, var. 2, *Lamk. Hist.* v. 559.

C. —, γ, *Jenyns, l. c.* 11.

Inhab. North of England (*Jenyns*).

a—h. Yorkshire. Presented by W. Sewell, Esq.

i—c c. Coggeshall, Essex.

d d—s s. Pond near Edinburgh.

t t, u u. Belfast. Presented by W. Thompson, Esq.

v v—m m m. Britain.

n n n—y y y. River Fosse, York. Presented by P. Carpenter, Esq.

zzz—iiii. Yorkshire. Presented by P. Carpenter, Esq.
Cyclas stagnalis.
jjjj—pppp? Britain. Mus. Mont.

2. PISUM.

Pisum, *Megerle*, *Entw.* 57, 1811 (not Linn.); *Gray*, *P. Z. S.* 1848, 184.

Cyclas, sp., *Lamk. Hist.* ed. 2. v. 559; *Leach*, 1818, l. c. xx. 272.

Pisidium (amnicum), *Pfeiffer*, *Naturg.* i. 123. (1821) ii. 33. iii. 68;
Desh. E. M. iii. 772; *Nilsson*, *Moll. Suec.* 99; *Gray*, *Turt. Man.* ed. 2. 279, 282, 1840.

Galileja (fontinalis), *Costa*, *Correspond. Zool.* 1839; *Phil. Moll. Sic.* ii. 214.

Pera (amnica), *Leach*, *MSS. B. M.* 1819, fide *Gray*, *Turt. Man.* 282, 1840; *Ann. & Mag. N. H.* xx. 267.

Euglesia (pusilla), *Leach*, *MSS. B. M.* 1820, fide *Gray*, *Turt. Man.* 282, 1840; *Ann. & Mag. N. H.* xx. 267.

1. PISUM OBTUSALE.

Pisidium obtusale, *Pfeiffer*, 125. t. 5. f. 21, 22; *Jenyns*, l. c. 301. t. 20. f. 1, 3; *Gray*, *Man. L. & F. W. Shells*, 282. t. 12. f. 149; *Brown*, *Ill. Conch. G. B.* 94. t. 39. f. 24; *Forbes & Hanley*, *Brit. Moll.* ii. 120. t. 36. f. 1.

Cyclas obtusalis, not *Lam. Hist.* v. 559.

Pera gibba, *Leach*, *MSS. Brit. Mus.*

YOUNG. The yellow zone broader.

VAR. 1. Shell ovate, trigonal, very ventricose, blackish or ochraceous; the edge very blunt.

Cyclas obtusalis, *Nilsson*, 101 (not *Lamk.*); *Hanley*, *Rec. Shells*, i. 90. *Supp.* t. 9. f. 47.

Cyclas obtusale β , *Jenyns*, l. c. 13.

a—f (*Pera gibba*). Britain. Presented by J. E. Gray, Esq.

g—ll. Coggeshall, Essex.

mm—uu. Watford, Herts. Presented by T. B. Hall, Esq.

2. PISUM NITIDUM.

Pisidium nitidum, *Jenyns*, *Monog.* 16. t. 20. f. 7, 8; *Gray*, *Man. L. & F. W. Shells*, 283. t. 12. f. 150; *Thompson*, *Ann. Nat. Hist.* vi. 195; *Macgilliv. Moll. Aberd.* 253; *Brown*, *Ill. Conch. G. B.* 95. t. 39. f. 26; *Forbes & Hanley*, *Brit. Moll.* ii. 126. t. 37. f. 14.

Cyclas nitida, *Hanley*, *Rec. Shells*, i. 90. *Supp.* t. 14. f. 46.

Hab. — —?

3. PISUM PUSILLUM.

Tellina pusilla, *Turton*, *C. Dict.* 167.

Cyclas pusilla, *Turton*, *Biv.* 251. t. 11. f. 16, 17; *Man.* ed. 1. 16. t. 1. f. 7.

C. fontinalis, *Nilsson*, 101; *Drap.* 130. t. 10. f. 8, 11; *Gras*, *Moll. t. & fl. France*, 73. t. 6. f. 3, 4?; *Lamk. Hist.* 2nd ed. vi. 270?; *Desh. E. M. Vers*, ii. pt. 2. 37?; *Hanley, Rec. Shells*, i. 90, *Supp.* t. 14. f. 5.

C. gibba, *Alder*, *Cat.* 41.

Euglesia Henslowiana, *Leach*, *MSS. Brit. Mus.*; *Ann. & Mag. N. H.* xx. 267.

Pisidium pusillum, *Jenyns*, *Monog.* 14. t. 20. f. 4, 6; *Gray*, *Man. L. & F. W. Shells*, 283. t. 1. f. 7; *Macgilliv. Moll. Aberd.* 253; *Brown*, *Ill. Conch. G. B.* 95. t. 39. f. 27; *Forbes and Hanley*, *Brit. Moll. t.* 37. f. 10. t. O. f. 9, animal.

Galileja, *Costa*.

a—f. York. Presented by P. Carpenter, Esq.

g—j. Britain. Presented by W. Trevelyan, Esq.

k—v v. West Bergholt, Essex.

w w? Staffordshire. Presented by J. Carter, Esq.

4. PISUM PULCHELLUM.

Pisidium pulchellum, *Jenyns*, *Monog.* 18. t. 21. f. 1–5; *Gray*, *Man. L. & F. W. Shells*, 284. t. 12. f. 151; *Macgilliv. Moll. Aberd.* 252; *Forbes & Hanley*, *Brit. Moll.* ii. 128. t. 37. f. 12, 13.

Cardium amnicum, *jun.*, *Montag. T. B.* 88.

VAR. 1. Smaller, shell thin, finely striated, umbones rather acute.

Pera pulchella, *Leach*, *MSS. Cab. Brit. Mus.*

Pisidium fontinale, *Pfeiffer*, *Deutsch L. & S. Moll.* 125. t. 5. f. 15, 16; *Brown*, *Ill. Con. G. B.* 94. t. 39. f. 23.

Cyclas fontinalis, *Brown*, *Edin. Journ. N. & G. Sc.* i. 11. f. 5, 7; *Alder*, *Cat.* 41.

Pisidium pulchellum β , *Jenyns*, *Mon. l. c.* t. 21. f. 2, 3.

VAR. 2. Shell obliquely oval, finely striated; edge very blunt; hinge margin nearly straight.

Pisidium pulchellum δ , *Jenyns*, *Mon.* 18. t. 21. f. 4, 5.

Cyclas pulchella, *Hanley*, *Rec. Shells*, i. 91.

Pisidium Jenynsii, *Macgilliv. Moll. Aberd.* 249.

P. Johannis, *Macgilliv. Moll. Aberd.* 248.

a—n. Britain.

Var. b. Jun.

5. PISUM HENSLOWIANUM.

Pera Henslowiana, *Leach*, *MSS. Brit. Mus.* 1819.

Tellina Henslowiana, *Leach*, *MSS.*; *Shepp. Linn. Trans.* xiv. 150.

Pera appendiculata, *Leach*, *MSS. Brit. Mus.* 1819.

Cyclas appendiculata, *Turton*, *Man.* ed. 1. t. 15. f. 6; *Hanley*, *Rec. Shells*, i. 91, *Supp.* t. 14. f. 42.

Pisidium Henslowianum, *Jenyns*, *Mon.* 20. t. 21. f. 6, 7, 8, 9; *Gray*, *Man. L. & F. W. Shells*, 285. t. 1. f. 6; *Brown*, *Ill. Con. G. B.* 95. t. 39. f. 25; *Forbes & Hanley*, *Brit. Moll.* ii. 131. t. 37. f. 11.

Pisidium acutum, *Pfeiffer*, *Wieg. Arch.* 1831, pt. i. 230.

a—n. Cambridge. Presented by Rev. J. S. Henslow.

o—t. York. Presented by P. Carpenter, Esq.

u—c c. Preston.

6. PISUM AMNICUM.

Tellina amnica, *Müller*, ii. 205; *Linn. Trans.* viii. 60; *Dillwyn*, *Rec. Shells*, i. 105; *Don. Cat.* 31. t. 7. f. 2 *a*; *Turt. Dict.* 168; *Wood*, *Gen. Conch.* 153. t. 47. f. 6; *Ind. Test.* t. 3, *Tellina*, f. 19; *Penn. B. Z.* ed. 1812. iv. 185. no. 24.

Tellina rivalis, *Maton*, *Linn. Trans.* iii. 44. t. 13. f. 37, 38; *Don. B. T.* t. 64. f. 2.

Cardium amnicum, *Montag. T. B.* 86.

Cyclas palustris, *Drap.* 131. t. 10. f. 15, 16; *Gras*, *Moll. t. et fl. France*, 73. t. 6. f. 6.

C. obliqua, *Lamk. Hist.* v. 559, ed. 2. vi. 269; *Nilsson*, 99; *Kickx*, *Moll. Brab.* 89.

Pisidium obliquum, *Pfeiffer*, 124. t. 5. f. 19, 20; *Brown*, *Ill. Con. G. B.* 94. t. 39. f. 22; *Philippi*, *Moll. Sic.* ii. 31.

Cyclas amnica, *Turt. Biv.* 250. t. 11. f. 15; *Man.* ed. 1. 15. f. 5; *Fleming*, *B. A.* 453; *Hanley*, *Rec. Shells*, i. 89. t. 3. f. 19.

Pisidium amnicum, *Jenyns*, *Mon.* 21. t. 21. f. 2; *Forbes & Hanley*, *Brit. Moll.* ii. 133. t. 37. f. 8, 9. t. O. f. 8, animal.

YOUNG SHELL rather compressed; umbones scarcely prominent.

VAR. 1. Shell with very deep grooves.

Pera fluviatilis, *Leach*, *MSS. in Brit. Mus.*

Pisidium amnicum β , *Jenyns*, *Mon.* 22.

VAR. 2. Shell nearly smooth with slighter striæ.

Pera Henslowiana, *Leach*, *MSS. Brit. Mus.*

Pisidium amnicum γ , *Jenyns*, *Mon.* 22.

a—ff. Bexley, Kent.

gg—o o. Coggeshall, Essex.

pp—w w w. Cambridge. Presented by Rev. J. S. Henslow.

Pera Henslowiana, *Leach*, *B. M.*

xxx—a a a a. York. Presented by P. Carpenter, Esq.

bbb—n n n n. Britain.

Pisidium obliquum, *Brown.*

7. *PISUM CINEREUM*.

Pisidium cinereum, *Alder, Cat. Supp.* 4; *Mag. Z. & Bot.* ii. 119; *Brown, Ill. Conch. G. B.* 95. t. 39. f. 28; *Forbes & Hanley, Brit. Moll.* ii. 125. t. 36. f. 2; *Gray, Man. L. & F. W. Shells*, 286. t. 12. f. 152; *Thompson, Ann. Nat. Hist.* vi. 196.

VAR. More ventricose, and produced at the umbones.

Cyclas cinerea, *Hanley, Rec. Shells*, i. 90, *Supp.* t. 14. f. 44.

a—w. Castle Eden. Presented by Joshua Alder, Esq.

x—k k. Scarborough. From Mr. Bean's Collection.

Fam. 3. *CARDIADÆ*.

Cardiadæ, *Gray, Syn. B. M.* 1840, 1842, 75, 91; *Proc. Zool. Soc.* 1848, 185.

Cerastes or *Cerastoderma*, *Poli, Test. Sicil.* 1791.

Les Cardiacées, pars, *Lamk. Cour.* 106, 1812.

Bucardes ou *Cardiacés*, *Feruss. Prod.* 44.

Veneridia Isoperia, pars, *Rafin. Anal. Nat.* 1815.

Conchacés, § 2, *Rang, Man. Mol.* 304.

Cardiacea, *Menke, Syn.* 49; *Alton, Verz. Conch.* 12.

Cardiina, *Macgilliv. Moll. Aberd.* 213.

Veneriadæ, part., *Leach*, 1818; *Ann. & Mag. N. H.* xx. 1847, 272.

1. *CARDIUM*.

Cardium (costatum), *Linn. S. N.* ed. 10, ed. 12. i. 1122; *Gmelin, S. N.* i. 3244; *Brug. E. M.* i. 203; *Lamk. Syst.* 119, 1801; *Hist.* vi. 2, ed. 2. vi. 388; *Megerle*, 1811; *Schum. N. S.* 158; *Spengler, Skrift. Nat. Selsk.* vi.; *Sow, Conch. Illust.*

Pectunculus, *Adanson, Seneg.*

Lævicardium (lævigatum), *Swainson, Malac.* 1840.

Hemicardium (Unedo), *Swainson, Mal.* 1840.

Hemicardia, sp. *Klein.*

Isocardia, sp. *Klein.*

Circulum, sp. (*fragum*), sp. *Bolten.*

* *ACANTHOCARDIA*.1. *CARDIUM ACULEATUM*.

Cardium aculeatum, *Linn. S. N.* 1122; *Chemn. Conch. Cab.* vi. 161. t. 15. f. 157; *Penn. B. Z.* ed. 4. iv. 76. t. 50. f. 37; *Da Costa*, 175; *Donov. B. S.* i. t. 6; *Mont. T. B.* 77. *Supp.* 30; *Wood, Gen. Conch.* 207. t. 48? f. 1; *Turt. Conch. Dict.* 28; *Brit. Biv.* 181. t. 13. f. 6, 7; *Poli, Test. Sic.* t. 17. f. 1–3; *Dillw. Rec. Shells*, i. 114; *Lamk. H. n.* 14. 2nd ed. vi. 397; *E. M.* t. 297. f. 5; *Philippi, Moll. Sic.* i. 50, ii. 37; *Reeve, Conch. Icon. Cardium*, t. 4. f. 17; *Forbes & Hanley, Brit. Moll.* ii. 4. t. 33.

f. 1; *M. & R. Linn. Trans.* viii. 62; *Flem. Brit. An.* 420; *Thorpe, Brit. Mar. Conch.* 95; *Brown, Ill. Conch. G. B.* 87. t. 34. f. 1-3; *Sow. Conch. Ill. Cardium*, f. 28; *Hanley, Rec. Shells.* 1. 131; *Leach, Ann. & Mag. N. H.* xx. 272.

Cerastes giganteus, *Cerastoderma aculeatum*, *Poli*, ii. 253, 258.

YOUNG.

Card. ciliare, *Wood, Gen. Conch.* 209. t. 49. f. 3, 4; *Penn. B. Z.* iv. 90. t. 50. f. 39; *Pulteney Hutchins' Dors.* 31; *Donov. Brit. Shells*, i. t. 32. f. 2; *Mont. Test. Brit.* 79; *Linn. Trans.* viii. 64; *Dorset Cat.* 31. t. 4. f. 1.

C. parvum, *Da Costa, Brit. Conch.* 177; *Enc. Meth. Vers*, t. 298. f. 1.

a, b. Torbay.

c, d, e. Britain.

f-k, old and young. Tenby, Devon.

l. Britain. Presented by Mrs. Robinson.

2. CARDIUM ECHINATUM.

Cardium echinatum, *Linn. S. N.* 1122; *Penn. B. Z.* ed. 4. iv. 76. n. 38; *Da Costa, B. C.* 176. t. 14. f. 2; *Donov. B. S.* iii. t. 107. f. 11; *Mont. T. B.* 78. 568; *Linn. Trans.* viii. 63; *Dorset, Cat.* 3, t. 6. f. 2; *Wood, Gen. Conch.* 208. t. 49. f. 1, 2; *Pulteney Hutchins' Dors.* 30; *Lamk. H.* n. 12, 2nd ed. vi. 396; *Turt. Conch. Dict.* 29; *Brit. Biv.* 183; *Lovén, I. M.* 35. 265; *Forbes, M. G. S.* i. 416. 62. *Chemn. Conch. Cab.* vi. 165. t. 15. f. 158; *Mag. Berl. Gesels. Natur.* ii. 113; *Müller, Zool. Dan.* t. 13, 14; *Ind. Testac.* t. 5. f. 2; *Reeve, Conch. Icon. Card.* t. 6. f. 34; *Forbes & Hanley, Brit. Moll.* ii. 7. t. 33. f. 2, & t. N. f. 3, animal; *Flem. Brit. An.* 421; *Macgil. Moll. Aberd.* 271; *Thorpe, Brit. Mar. Conch.* 96; *Brown, Ill. Conch. G. B.* 87. t. 34. f. 6; *Philippi, Moll. Sic.* i. 49, ii. 37; *Hanley, Rec. Shells*, i. 131. t. 5. f. 2.

Lister, Ang. t. 5. f. 33; *Conch.* t. 324. f. 161.

Cerastes cirratus, *Cerastoderma echinatum*, *Poli*, ii. 253, 258.

Card. mucronatum, *Poli, Test. Sic.* i. t. 17. f. 7, 8.

VAR. *Card. spinosum*, *Sow. Brit. Miscell.* t. 32; *Linn. Trans.* viii. 63.

a. Scotland.

b-i. Britain.

j. Falmouth. Presented by W. P. Cocks, Esq.

3. CARDIUM RUSTICUM.

Cardium rusticum, *Linn. S. N.* ed. 10 (not *Lamk.* nor *British writers*) 681, ed. 12. ii. 24; *Wood, Gen. Conch.* 225. t. 55. f. 2, 3; *Forbes & Hanley, Brit. Moll.* ii. 11. t. 31. f. 3, 4.

Cardium tuberculatum, Linn. S. N. ed. 10. 679?, ed. 12. 1122; *Mus. Ulric.* 488; *Pulteney Hutchins' Dors.* 30; *Donov. B. S.* iii. t. 107. f. 2; *Flem. Brit. An.* 421; *Thorpe, Brit. Mar. Conch.* 95; *Mont. T. B.* 568; *Linn. Trans.* viii. 64; *Wood, G. Conch.* 210. t. 50. f. 1, 2; *Turt. Dict.* 28. f. 12; *Brit. Biv.* 181; *Lamk. H.* n. 15, 2nd ed. vi. 397; *Brown, Ill. Conch. G. B.* 87. t. 34. f. 9; *Chemn. Conch. Cab.* vi. t. 17. f. 173; *Dillw. Rec. Shells,* i. 117; *Hanley, Rec. Shells,* 131; *Payraud. Cat. Moll. Corse,* 55; *Philippi, Moll. Sic.* i. 50, ii. 37; *Penn. B. Z.* ed. 1812, iv. 188. no. 7.

Cerastes cinnabarinus, *Cerastoderma rusticum*, *Poli, Test. Sic.* ii. 252, 258. t. 16. f. 5.

C. echinatum (var.), *Mont. Test. Brit.* 79. & *Supp.* 33.

C. tuberculare, *Sow. Gen. Shells, Card.* f. 3; *Enc. Meth. Vers,* t. 295. f. 3, t. 300. f. 1.

a—d. Britain.

e, f. Falmouth. Presented by W. P. Cocks, Esq.

g—t, young. Britain.

** CARDIUM.

4. CARDIUM EDULE.

Cardium edule, Linn. S. N. 1124; *Chemn.* f. 194; *Penn. B. Zool.* ed. 4. iv. 77. t. 50. f. 41; *Pulteney Hutch. Dors.* 30; *Dorset Cat.* 32. t. 11. f. 1; *Mont. T. B.* 76. 569; *Donov. B. S.* iv. t. 124. f. 1; *Wood, Gen. Conch.* 226. t. 55. f. 4; *Linn. Trans.* viii. 65; *Lovèn, I. M.* 35. n. 266; *Forbes, M. G. S.* i. 416. 58; *Turt. Conch. Dict.* 30; *Brit. Biv.* 188; *Flem. Brit. An.* 422; *Couch, Corn. Faun.* pt. ii. 28; *Macgilliv. Moll. Aberd.* 272; *Brown, Ill. Conch. G. B.* 87. t. 35. f. 1–6; *Cuv. Règn. An.* ed. *Croch.* t. 99. f. 4; *Chemn. Conch. Cab.* vi. 198. t. 19. f. 194; *Thorpe, Brit. Mar. Conch.* 97; *Dillw. Rec. Shells,* i. 127; *Lamk. Hist.* 2nd ed. vi. 406; *Ind. Test.* t. 5. f. 26; *Rees' Cycloped.* t. 5; *Hanley, Rec. Shells,* i. 134. t. 5. f. 26; *Reeve, Conch. Icon. Card.* t. 4. f. 22; *Forbes & Hanley, Brit. Moll.* ii. 15. t. 33. f. 1–4, t. N. f. 5 (animal); *Leach, Ann. & Mag. N. H.* xx. 272, 1847. *List. Ang.* t. 5. f. 34; *Conch.* t. 334. f. 171.

Card. obliquum, *Woodward, Geol. Norf.* t. 2. f. 19 (foss.).

Card. vulgare, *Da Costa*, 180. t. 11. f. 1.

C. crenulatum, *Lamk. Hist.* 2nd ed. vi. 405; *Deless. Rec. Coq.* t. 11. f. 5; *Reeve, Conch. Icon. Card.* t. 20. f. 112.

Card. zonatum, *Brown, Ill. C.* t. 22. f. 8, 2nd ed. 88. t. 35. f. 8.

C. pectinatum, *Lamk. Hist.* 2nd ed. vi. 405; *Hanley, Rec. Shells,* i. 134.

C. arcuatum, *Reeve* (not *Mont.*), *Conch. Icon. Card.* t. 22. f. 33.

Cerastes gracilis, *Cerastoderma edule*, *Poli*, ii. 252, 258.

Enc. Meth. Vers, t. 300. f. 5; *Savigny, Desc. Egypte,* t. ?. f. ?.

VAR.

Cardium rusticum, *Chemn.* (not *Linn.* nor *Hanl.*) *Conch. Cab.* vi. t. 19. f. 197; *Mont. Test. Brit.* 569; *Donov. Brit. Shells*, iv. t. 124. f. 2; *Poli, Test. Sic.* t. 17. f. 12, 13; *Lamk. Hist.* 2nd ed. vi. 405; *Desh. Elem. Conch.* t. 25. f. 1; *Philippi, Moll. Sic.* i. 52. t. 4. f. 12-14, ii. 38; *Forbes & Hanley, Brit. Moll.* ii. 18.

C. edule, β . *rusticum*, *Leach, Ann. & Mag. N. H.* xx. 1847, 272.

C. glaucum, *Brug. Enc. Meth. Vers*, i. 221; *Poiret, Voy. Barb.* ii. 13; *Wood, Gen. Conch.* 218; *Dillw. Rec. Shells*, i. 130; *Hanley, Rec. Shells, Supp.* t. 17. f. 36.

Cerastes cinnabarinus, *Cerastoderma rusticum*, *Poli*, ii. 252, 258.

C. Lamarckii, *Reeve, Conch. Icon. Card.* t. 18. f. 93.

C. Belticum, *Reeve, l. c.* t. 20. f. 113.

C. edule, *Brown, Ill. C. G. B.* t. 35. f. 7; *Philippi, Moll. Sic.* i. 52, ii. 39.

VAR. fluviatile.

Cardium edule, var. *fluviatile*, *Witham, Trans. Wern. Soc.* v. 577.

Cardium tenuis, *Brown, Ill. C. G. B.* t. 22. f. 4.

a—d, var. *large*. Stornoway.

e—v. Britain.

w—y. Romney.

z—d d, var. Britain.

e e, *ff*, var. Hoylake.

g g. (*Cardium rusticum*.) Hastings.

h h—o o. (Ditto.) Britain.

p p, var. Britain.

q q—w w, var. Portsea.

x x, *y y*. (*Cardium zonarium*), Sow. (fide Bean). England.

z z, var. distorted. Britain.

*** HEMICARDIUM.

5. CARDIUM NODOSUM.

Cardium nodosum, *Mont. T. B.* 81; *Turton, Bivalves*, 186. t. 13. f. 8; *Hanley, Rec. Shells*, 136, *Supp.* t. 17. f. 44; *Lovèn, I. M.* 36. n. 268; *Jeffreys, Ann. N. H.* xix. 313; *Reeve, Conch. Icon. Card.* t. 22. f. 128; *Forbes & Hanley, Brit. Moll.* ii. 22. t. 32. f. 7; *Penn. B. Z.* 1812, iv. 189. no. 11.

? *C. discrepans*, *Brown, Ill. C.* t. 22. f. 9.

Cardium tuberculatum, β . *nodosum*, *Leach, Ann. & Mag. N. H.* xx. 272, 1847.

C. scabrum, *Philippi, Moll. Sic.* ii. t. 14. f. 16; *Hanley, Rec. Shells, Supp.* t. 17. f. 43.

a—h. Edinburgh. Presented by Miss Greville.

i—m. Scotland.

n—p. Torquay.

6. CARDIUM FASCIATUM.

Cardium fasciatum, *Mont.* (not *Gmel.*) *Test. Brit. Supp.* 30. t. 27. f. 6; *Reeve, Icon.* t. 21. f. 118; *Lovèn, I. M.* 35. 267; *Turt. Conch. Dict.* 32; *Flem. Brit. An.* 422; *Thorpe, Brit. Mar. Conch.* 98; *Brown, Ill. Conch. G. B.* 88. t. 35. f. 11; *Wood, Gen. Conch.* 215; *Dillw. Rec. Shells*, i. 130; *Forbes & Hanley, Brit. Moll.* ii. 25. t. 32. f. 5, t. N. f. 4, animal; *Penn. B. Z.* ed. 1812, iv. 191. no. 16.

C. exiguum, *Macg. Moll. Aberd.* (not *Gmel.*, *Mont.*, nor *Philippi*).

C. parvum, *Philippi, Moll. Sic.* ii. 39?

C. elongatum, *Montague, Test. Brit.* 82! fide *Turton* (not *Brug.*); *Turt. Biv.* 185. t. 13. f. 9; *Linn. Trans.* viii. 17 (from *Mont.*); *Turt. Conch. Dict.* 31; *Wood, Gen. Conch.* 214; *Dillw. Rec. Shells*, i. 131; *Flem. Brit. An.* 422.

C. ovale, *Sow. Conch. Ill. Card.* no. 24; *Hanley, Rec. Shells*, i. 136, *Supp.* t. 17. f. 45; *Reeve, Conch. Icon. Card.* t. 21. f. 119.

C. obovale (error for *ovale*), *Thorpe, Brit. Mar. Conch.* 96.

C. obovale, *Sow. Conch. Illust.* f. 4.

YOUNG. *C. rubrum*, *Reeve, Conch. Icon. Card.* t. 22. f. 124, not *Montague*.

a, b. Scotland.

c—h. Walton Marshes, Essex.

i—n. Lochfyne.

o. (*Cardium ovale*, *Sow.*) Britain.

p?—r?. Near Newcastle. Presented by J. Alder, Esq.

7. CARDIUM EXIGUUM.

Cardium exiguum, *Gmelin, S. N.* 3255 (from *List. Conch.* t. 317. f. 154 A); *Dorset Cat.* 31. t. 2. f. 11; *Mont. T. B.* 82; *Forbes, M. G. S.* i. 416. 61; *Linn. Trans.* viii. 61; *Turt. Conch. Dict.* 31; *Brit. Biv.* 186; *Flem. Brit. An.* 422; *Philippi, Moll. Sic.* i. 51 & ii. 38; *Hanley, Rec. Shells*, 135; *Reeve, Conch. Icon. Card.* t. 21. f. 121; *Macgilliv. Moll. Aberd.* 273; *Thorpe, Brit. Mar. Conch.* 97; *Brown, Ill. C. G. B.* 88; *Wood, Gen. Conch.* 212; *Dillw. Rec. Shells*, i. 114; *Lamk. Hist.* 2nd ed. vi. 408; *Leach, Ann. & Mag. N. H.* xx. 1847, 272; *Penn. B. Z.* ed. 1812, iv. 186. no. 2.

Card. pygmæum, *Donov. Brit. Shells*, t. 32. f. 3; *Forbes & Hanley, Brit. Moll.* ii. 29. t. 32. f. 8, and t. N. f. 2, animal.

YOUNG. *Cardium muricatum*, *Mont. T. B.* 85; *Maton & Racket, Linn. Trans.* viii. 68; *Wood, Gen. Conch.* 215; *Dillw. R. S.* i. 131 (all from *Walker*), *Walker, M. Shells*, i. t. 32. f. 3.

a—t. Britain.

u—aa. Devonshire.

bb—hh. Falmouth. Presented by J. Alder, Esq.

ii—kk. Ditto. Presented by W. P. Cocks, Esq.

Gmelin's species is described from Lister's figure, which is marked as English.

8. CARDIUM SUECICUM.

C. Suecicum, *Lovèn, I. M.* 36. 269; *Forbes & Hanley, Brit. Moll.* 33. t. 32. f. 6; *Jeffreys, Ann. & Mag. N. H.* xix. 313, 1847.

C. Suediense, *Reeve, Conch. Icon. Card.* t. 22. f. 132, March 1845; near C. scabrum, *Phil. Journ.* ii. 38. t. 14. f. 16.

Cardium Loveni, *Thompson, Ann. N. H.* xv. 317. t. 19. f. 7, 1845, May.

a—c. Scotland.

d—f. Dublin.

**** LÆVICARDIUM.

9. CARDIUM NORVEGICUM.

Cardium Norvegicum, *Spengler, Skrift. Naturh. Selsk.* v. pt. 1. 42; *Lovèn, I. M.* 35. n. 264; *Forbes & Hanley, Brit. Moll.* ii. 35. t. 31. f. 1, 2. t. N. f. 1, animal.

Cardium serratum, *Lamk. Hist.* n. 25, ed. *Desh.* vi. 405; *Thorpe, M. C.* 99 (not *Linn.*, *Chemn.* nor *Brug.*); *Turt. Brit. Biv.* 192. t. 13. f. 5.

Cardium lævigatum, *Penn. B. Zool.* ed. 4. iv. 77. t. 51. f. 40 (not *Linn. S. N.*); *Pulteney Hutch. Dorset*, 31; *Da Costa, Brit. Conch.* 178. t. 13. f. 6; *Don. B. S.* ii. t. 54; *Linn. Trans.* viii. 65; *Mont. T. B.* 80; *Wood, Gen. Conch.* 222. t. 54. f. 1; *Dorset Cat.* 31. t. 7. f. 6; *Poli, Test. Sic.* t. 17. f. 10, 11; *Forbes, M. G. S.* i. 416. 63 (not *Linn.*, *Chemn.* nor *Lamk.*); *Philippi, Moll. Sic.* i. 50 & ii. 37; *Turt. Conch. Dict.* 31, & *Brit. Biv.* 190; *Flem. Brit. An.* 423; *Macgilliv. Moll. Aberd.* 273; *Brown, Ill. Con. G. B.* 88. t. 35. f. 12–15; *Dillw. Rec. Shells*, i. 123; *Mawe, Conch.* t. 7. f. 7 (young); *Hanley, Rec. Shells*, i. 133; *Leach, Ann. & Mag. N. H.* xx. 1847, 272.

List. Ang. t. 5. f. 32; *Conch.* t. 332. f. 169; *Pet. Gaz.* t. 93. f. 12.

VAR.

Card. Pennanti, *Beck, MSS.*; *Reeve, C. Icon. Card.* t. 9. f. 48.

Card. obliquum, *Brown, Ill. Con. G. B.* 88. t. 35. f. 16 (not *Chemn.*); *Reeve, Conch. Icon. Card.* t. 15. f. 71.

C. vitellinum, *Reeve, l. c. Card.* t. 7. f. 37.

Cerastes maculatus & Cerastoderma flava, *Poli*, ii. 253, 258.

a, b. Stevenston, Ayrshire.

c—f. Salcomb, Devon.

g. Scotland.

h. Falmouth. Presented by W. P. Cocks, Esq.

i—s. Salcomb, Devon.

Lovèn described three varieties :—

- a. As long as high, subtrigonal, red-spotted behind. *C. Penanti*, *Reeve*. *C. serratum*, *Turt.* *C. lævigatum*, *Thorpe*.
- β. Longer than high, subovate. *C. Norvegicum*, *Spengler* = *C. lævigatum jun.*, *Mont.*
- γ. Higher than long, subovate, rather obtuse; ribs nearly obliterated. *C. —*.

Fam. 4. MACTRADÆ.

- Maclridæ*, *Fleming*, *Brit. Anim.* 409, 1828; *Gray*, *Syn. B. M.* 1840, 1842, 75.
- Maclradæ*, *Gray*, *Proc. Zool. Soc.* 1848, 185; *Loudon*, *Mag. N. H.* i. 370, 1837; *Forbes & Hanley*, *Brit. Moll.* 349.
- Les Maclracées* (*Maclracea*), *Lamk. Cour.* 107; *Hist.* v. 466, ed. 2. v. 87.
- Conchacés* § 2. part., *Rang*, *Man. Moll.* 302.
- Pylorides*, part., *Blainv.*; *Rang*, *Man. Moll.* 322.
- Maclracés*, *Féruss. Prod.* 44.
- Maclraceæ*, *Hinds*, *Zool. Sulph.* 184.
- Maclracidæ*, *D'Orb. Moll. Canar.* 1836.
- Veneridia heteroperia*, *Rafin. Anal. Nat.*
- Maclracea*, *Menke*, *Syn.* 118; *Anton*, *Verz. Conch.* 12.
- Maclrina*, *Macgilliv. Moll. Aberd.* 217; *Milne-Edwards*, *Elem. Zool.*; *Brown*, *Conch. Text Book.*
- Maclraceæ*, *Berth.*
- Callista* and *Callistoderma*, part., *Poli*, *Test. Sicil.* 1791.
- Trigonella*, part., *Da Costa*, *Test. Brit.* 1778 (not *DeCand.* nor *Conrad*); *Humph. Mus. Calonn.* 1797.

a. MACTRINA. Mantle lobes free.

Maclraädæ, part., *Leach*, *Ann. & Mag. N. H.* xx. 1847, 272.

1. MACTRA.

- Maclra*, *Gray*, *Mag. Nat. Hist.* i. 370, 1837; *Wiegmann*, *Arch. N.* 1838, i. 86; *Proc. Z. Soc.* 1848, 185; *Sow. Gen.*
- Maclra* (*stultorum*), *Linn. S. N.* ed. 12. i. 1125; *Gmelin*, *S. N.* i. 3258; *Lamk. Syst.* 121, 1801; *Hist. A. s. V.* v. 471, ed. 2. vi. 96; *Forbes & Hanley*, *Brit. Moll.* 350.
- Trigonella*, part., *Da Costa*, *Brit. Shells*, 1778.

1. MACTRA STULTORUM.

- Cardium stultorum*, *Linn. S. N.* ed. 10, 681.
- Maclra stultorum*, *Linn. S. N.* ed. 12. i. 1125; *Gmel. L. S. N.* i. 3258; *Pulteney Hutch. Dorset*, 31; *Mont. T. B.* 94; *Linn. Trans.* viii. 69; *Don. B. S.* ii. t. 106; *Turton*, *Conch. Dict.*

81; *Brit. Biv.* 72; *Da Costa*, 196. t. 12. f. 3 = *Dorset Cat.* 32. t. 8. f. 3; *Brown, Ill. C.* 107. t. 15. f. 2; *Forbes, M. G. S.* i. 408. 10; *Flem. Brit. An.* 427; *Macgilliv. Moll. Aberd.* 287; *Thorpe, Brit. Mar. Conch.* 47; *Lam. Hist.* ed. 2. vi. 99 (part.) = *E. M.* t. 256. f. 3; *Mawe's Conchol.* t. 8. f. 5; *Gray, Mag. N. Hist.* i. 370; *Crouch, Introd. Conch.* t. 4. f. 4; *Poli, Sic.* t. 18. f. 10, 11, 12; *Sow. Conch. Man.* f. 79; *Dillw. Rec. Shells*, i. 138; *Chenu, Ill. Conch. Mactra*, t. 3. f. 3; *Hanley, Rec. Shells*, 29; *Forbes & Hanley, Brit. Moll.* i. 362. t. 22. f. 4, 6. t. 26. f. 2; *Leach, Ann. & Mag. N. H.* xx. 1847, 272; *Penn. B. Z.* ed. 1812, 193. t. 52. f. 1.

M. magna, *Woodward, Geol. Norf.* t. 2. f. 10 (fossil).

Tellina radiata, *Penn. Brit. Zool.* ed. 4. iv. 74. t. 49. f. 30.

Trigonella radiata, *Da Costa, Brit. Conch.* 196. t. 12. f. 3.

Callista discolor and *Callistoderma stultorum*, *Poli*, ii. 252, 258.

VAR. M. cinerea, *Mont. T. B. Supp.* 35; *Turt. Brit. Biv.* 73; *Fleming, Brit. An.* 428; *Thorpe, Brit. Mar. Conch.* 47.

M. lactea, *Lamk.* 477 (not *Poli*).

M. straminea, *Lamk.* 477?

a, b. Romney.

c—e. Aberdeen. Presented by Professor Macgillivray.

f—r. Britain.

s, t. Redcar, Yorkshire.

u—w. Ilfracombe. Presented by J. E. Gray, Esq.

x. (young). Barmouth. Presented by Mrs. Robinson.

y—ff. (*M. cinerea*.) Britain.

g g. Ditto. Ilfracombe. Presented by J. E. Gray, Esq.

2. MACTRA GLAUCA.

Mactra glauca, *Spengler, Skrift. Nat. Selsk.* v. t. 3; *Gmelin, S. N.* i. 3260; *Donovan, B. S.* iv. t. 125; *Mont. T. B.* 571; *Linn. Trans.* viii. 68; *Dorset Catal.* 68; *Dillw. R. S.* i. 144; *Turton, Bivalves*, 80; *Wood, Cat.* t. 6. f. 30; *Fleming, B. A.* 428; *Thorpe, Brit. Mar. C.* 48; *Brown, Ill. C. G. B.* 107. t. 41. f. 1; *Penn. B. Z.* ed. 1812, iv. 192. no. 2.

M. Neapolitana, *Poli, Test. Sicil.* i. t. 18. f. 1, 2, 3.

M. helvacea, *Chemn. Conch.* vi. 234. t. 23. f. 232, 234; *Lamk. Hist.* ed. 2. vi. 99; *Philippi, Moll. Sicil.* i. 10, ii. 4; *Chenu, Mact.* t. 2. f. 4; *Forbes & Hanley, Brit. Moll.* i. 366. t. 23. f. 3.

Mactra —, *Ency. Méthod.* t. 256. f. 1.

a. Dunbar. From Col. Montagu's Collection.

b. Cornwall. Presented by Miss Pocock.

2. SPISULA.

Spisula (solida), Gray, *Loudon Mag. N. H.* i. 370, 1837; *Syn. B. M.* 1842, 92 (cop. *Wiegmann, Arch.* 1838, 86); *Sow. Man. Conch.* 101, ed. 2. 264.

Mactra, part., *Lamk. Hist. A. s. V.*; *Forbes & Hanley, Brit. Moll.* 351; *Leach, Ann. & Mag. N. H.* xx. 272.

Hemimactra (solidissima), part., *Swainson, Malac.* 369, 1840; *Sow. Conch. Man.* ed. 2. 260.

Trigonella, part., *Da Costa, Brit. Shells*, 1778.

* *Subequilateral.*

1. SPISULA SOLIDA.

Mactra solida, *Linn. Syst. Nat.* ed. 12. 1126; *Chemn. Conch. Cab.* vi. 230. t. 23. f. 229, 230; *Penn. B. Z.* ed. 4. iv. 78. t. 51. f. 43a, t. 52. f. 43; *Spengl. Skrif. Natur. Selsk.* pt. 2. 113; *Donov. B. S.* ii. t. 61. f. 1, 3, 4, 5; *Mont. Test. Brit.* 92; *Linn. Trans.* viii. 70; *Pulteney Hutchins' Dorset*, 31; *Dillw. Rec. Shells*, i. 140; *Dorset Cat.* t. 6. f. 6 (32. t. 12. f. 1); *Brown, Ill. C. G. B.* t. 15. f. 3, 4, 2nd ed. 108. t. 41. f. 3, 4; *Lamk. Hist.* ed. 2. vi. 104; *Forbes, M. G. S.* i. 408. 11; *Philippi, Moll. Sic.* i. 11, ii. 10; *Hanley, Recent Shells*, 31; *Turt. Conch. Dict.* 81; *Turt. Brit. Biv.* 67; *Fleming, Brit. An.* 426; *Macgilliv. Moll. Aberd.* 288; *Thorpe, Brit. Mar. Conch.* 46; *Ind. Test.* t. 6, *Mactra*, f. 21; *Forbes & Hanley, Brit. Moll.* i. 351. t. 22. f. 1-5, t. L. f. 2, siphons; *Leach, Ann. & Mag. N. H.* xx. 272.

Trigonella gallina, *Da Costa, Brit. Conch.* 199. t. 14. f. 6.

M. dubia & *M. ovalis*, *Sow. M. C.* t. 160, fossil.

M. striata, *Smith, Wern. Mem.* viii. t. 1. f. 22, fossil.

Mactra truncata, *Turt. B. B.* 68 (not *Montag.*); *Forbes, M. G. S.* i. 408. 12.

M. crassatella, *Lam.* 33.

Trigonella zonaria, *Da Costa, Brit. Conch.* 197. t. 15. f. 1.

Spisula solida, *Gray, Mag. N. H.* i. 373.

List. Ang. t. 4. f. 24, adult.

a, b. Frith of Forth. Presented by General Bingham.

c. Youghal. Presented by Miss Warne.

d—n. Tenby and Dawlish.

o. Devon.

p, q. Teignmouth.

r. Britain. From the Collection of Col. Montagu.

2. SPISULA TRUNCATA.

Mactra truncata, *Mont. Test. Brit. Supp.* 34 (not *Turt. Brit. Biv.*); *Turt. Conch. Dict.* 81; *Flem. Brit. An.* 427; *Thorpe, Brit. Mar. Conch.* 46; *Dillw. Rec. Shells*, i. 140; *Hanley, Rec. Shells*, 32, *Supp.* t. 9. f. 1; *Forbes & Hanley, Brit. Moll.*

- i. 354. t. 23. f. 1; *Leach, Ann. & Mag. N. H.* xx. 272; *Penn. B. Z.* ed. 1812, iv. 196. no. 13.
M. subtruncata, *Donov. Brit. Shells*, iv. t. 126.
M. crassa, *Turt. Brit. Biv.* pp. 69, 258. t. 5. f. 7 (adult).
Spisula crassa, *Gray, Mag. N. H.* i. 373.
Lister, Hist. Conch. t. 253. f. 87.
 a—c. Kingsbridge.
 d—f. Loch Fyne.
 g—h. Yorkshire.
 i—k. Scotland.
 l—n. var.? small. Scotland.

3. SPISULA ELLIPTICA.

- Macra elliptica*, *Brown, Ill. Conch.* t. 15. f. 6, ed. 2. 108. t. 41. f. 6;
Forbes, Malac. Mon. 48; *Macg. Moll. Aberd.* 280; *Thorpe, Brit. M. C.* 244. f. 28; *Lovèn, I. M. Skand.* 45. 317; *Forbes & Hanley, Brit. Mar. Conch.* i. 356. t. 22. f. 3, t. L. f. 1, animal.
Macra solida (part.), *Donov. Brit. Shells*, ii. t. 61. f. 2.
 a—e. Sunderland.
 f—h. Britain.
 i. Ilfracombe. Presented by J. E. Gray, Esq.
 j—n. Weymouth.
 o—r. Whitby. Presented by J. Fryer, Esq.
 s—u.? Britain.

** *Inequilateral.*

4. SPISULA SUBTRUNCATA.

- Macra subtruncata*, *Mont. T. B.* 93. *Supp.* 37. t. 27. f. 1; *Linn. Trans.* viii. 71. t. 1. f. 11; *Dorset Cat.* 32. t. 5. f. 10; *Penn. B. Z.* ed. 1812, iv. 194. t. 55. f. 1; *Da Costa, Brit. Conch.* 198; *Brown, Ill. C.* t. 15. f. 7, 2nd ed. 108. t. 41. f. 7; *Philippi, Abbild. und Bes. Macra*, t. 1. f. 4; *Forbes, M. G. S.* i. 408. 13; *Lovèn, I. M.* 45. 318; *Mawe's Conchol.* t. 8. f. 4; *Turt. Conch. Dict.* 82; *Turt. Brit. Biv.* 70; *Flem. Brit. An.* 427; *Macgilliv. Moll. Aberd.* 289; *Thorpe, Brit. Mar. Conch.* 47; *Ind. Test.* t. 6. f. 23; *Forbes & Hanley, Brit. Moll.* i. 358. t. 21. f. 8, t. 22. f. 2, t. L. f. 3, siphons (not *M. deltoidea*, *Lam.*); *Leach, Ann. & Mag. N. H.* xx. 1847, 272.
M. limbata, *Menke*.
Trigonella subtruncata, *Da Costa*, 198.
M. stultorum, *Penn. B. Z.* ed. 4. iv. 78. t. 52. f. 42.
M. truncata, *Brown, Ill. C.* t. 15. f. 5.
 ? *M. triangula*, *Renieri; Brocchi*, t. 13. f. 7; *Philippi, Moll. Sic.* i. 11, ii. 10; *Hanley, Recent Shells, Supp.* t. 10. f. 40.
M. lactea, *Poli, Test. Sic.* t. 18. f. 13, 14 (not *Lam.*).
M. cuneata, *Sow. M. C.* t. 160. f. 7; *Woodw. Geol. Norf.* 62. f. 10.

M. crassatella, *Lamk. Hist.* ed. 2. vi. 107 (var.); *Deless. Rec. Coq.* t. 3. f. 6.

Spisula subtruncata, *Gray, Mag. N. H.* i. 373.

VAR. *Mactra striata*, *Brown, Ill. Conch. G. B.* 108. t. 41. f. 10; *Forbes & Hanley, Brit. Moll.* i. 361.

a—i. Kingsbridge.

Mactra subtruncata, *Leach.*

j. Cork. Presented by Miss Warne.

b. LUTRARIANA. Mantle lobes united beneath.

Myadæ, part., *Leach, MSS.* 1818; *Ann. & Mag. N. H.* xx. 1847, 272.

3. LUTRARIA.

Lutraria, *Lamk. Prod.* 1799; *Syst. A. s. V.* 1801; *Hist. A. s. V.* v. 467, ed. 2. vi. 88; *Schum. N. S.* 1817; *Gray, Mag. N. H.* i. 1837; *Leach, Ann. & Mag. N. H.* xx. 272; *Forbes & Hanley, Brit. Moll.* i. 369.

Lutricola, *Blainv.*, not *Goldf.*

Cultellus (oblonga), *Sow. Man. Conch.* ed. 2. 129 (not *Schum.* nor *Conrad*).

Lutraria, *Herrmannsen, Ind.* 633.

Lutraria (Lutraria), *Megerle, Entw.* 46, 1811.

Psammophila (oblonga), *Leach, MSS.* fide *Brown, Brit. Conch.*

Mya (subgenus), *Cuvier, R. A.* 1817, 1830.

* *Shell ovate, rather gaping behind.*

1. LUTRARIA ELLIPTICA.

Mactra Lutraria, *Linn. Syst. Nat.* ed. 12. 1126; *Chemn. Conch. Cab.* vi. 239. t. 24. f. 240, 241; *Pulteney Hutchins' Hist. Dors.* 32; *Dorset Cat.* 33. t. 5. f. 11; *Turt. Conch. Dict.* 84; *Linn. Trans.* viii. 73; *Mont. Test. Brit.* 99; *Donov. B. S.* ii. t. 58; *Penn. B. Z.* ed. 4. iv. 78. t. 52. f. 44, ed. 1812, t. 55. f. 3; *Dillw. Rec. Shells*, 146; *Wood, Linn. Trans.* vi. t. 16. f. 3, 4; *Hanley, Rec. Shells*, 26; *Philippi, Moll. Sic.* i. 9 & ii. 7; *Desh. Exp. Sc. Alg. Moll.* t. 33, 35, 36, animal.

Lutraria elliptica, *Lamk.* ed. 2. vi. 90; *Brown, Ill. Conch. G. B.* t. 12. f. 3. ed. 2. 109. t. 43. f. 3, 4; *Turt. Brit. Biv.* 65; *Thorpe, Brit. Mar. Conch.* 45; *Macgilliv. Moll. Aberd.* 291; *Forbes, M. G. S.* i. 409. 15; *Forbes & Hanley, Brit. Moll.* i. 370. t. 12. t. H. f. 2, animal; *Chenu, Ill. Conch. Lutraria.* t. 1. f. 10; *Leach, Ann. & Mag. N. H.* xx. 272.

L. vulgaris, *Flem. B. A.* 464.

Mactra, *Ency. Méth. Vers.* t. 258. f. 3.

List. Ang. t. 4. f. 19; *Conch.* t. 415. f. 259.

a—k, old and young. Britain.

l. Scarborough. Presented by J. E. Gray, Esq.

** *Shell widely gaping behind ; lozenge without any posterior ridge ; lateral teeth distinct.* *Psammophila*, *Leach*.

2. LUTRARIA OBLONGA.

Lutraria oblonga, *Turt. Biv.* 64. t. 5. f. 6; *Thorpe, Brit. Mar. Conch.* 44; *Forbes & Hanley, Brit. Moll.* i. 374. t. 13. f. 1.

Mya oblonga, *Gmelin, S. N.* 3221; *Chemn. Conch. Cab.* vi. 27. t. 2. f. 12.

Macra hians, *Pulteney Hutchins' Dors.* 32; *Dorset Cat.* 33. t. 2. f. 4; *Donov. B. S.* iv. t. 140; *Wood, Linn. Trans.* vi. t. 16. f. 5, 6; *Ind. Test.* t. 6. f. 37; *Mont. T. B.* 101; *Linn. Trans.* viii. 74; *Turt. Dict.* 85. f. 41; *Dillw. Rec. Shells*, i. 146; *Penn. B. Z.* ed. 1812, iv. 196. no. 12.

Chama magna, *Da Costa, Brit. Conch.* 230. t. 17. f. 4.

Lutraria solenoides, *Lamk. Hist.* 2nd ed. vi. 90; *Brown, Ill. C.* t. 12. f. 1, 2nd ed. 109. t. 43. f. 1; *Blainv. Man.* t. 77. f. 3; *Sow. Gen.* f. 1; *Conch. Man.* f. 78; *Hanley, Rec. Shells*, i. 26; *Chenu, Ill. Conch. Lutrar.* t. 1. f. 9; *Desh. Exp. Sc. Alg. Moll.* t. 31, 32, animal; *Leach, Ann. & Mag. N. H.* xx. 272, 1847.

L. hians, *Flem. B. A.* 465.

Lutricola solenoides, *Blainv. Man.* t. 77. f. 3.

"*Psammophila solenoides*, *Leach MSS.*," *Brown; Gray, Ann. & Mag. N. H.* 1847.

a—c. Britain.

d. Ditto. Presented by Mrs. Robinson.

Lateral teeth are distinct in the young, but they disappear as the animal approaches maturity.

Fam. 5. TELLINIDÆ.

Tellinides (or *Tellinidæ*), *Latr. Fam. Nat.* 1825; *Desh. Ency. Méth.* iii. 1830.

Tellinidæ, *Gray, Syn. B. M.* 1840, 1842, 75, 91; *Proc. Zool. Soc.* 1848, 186; *D'Orb. Pal. Franç.* 1844; *Swains. Malac.* 369, 1840; *Forbes & Hanley, B. M.* i. 269.

Les Conchacées, part., et Les Lithophages, part., *Lamk. Cour.* 107, 1812.

Les Mactracées, part., *Lamk. Hist.* v. 467, ed. 2. vi. 87.

Les Nymphacées, *Lamk. Hist.* v. 509, ed. 2. vi. 165; *Féruss. Prod.* 43.

Conchacés § 2, part., *Rang, Man. Moll.* 304.

Pylorides, part., *Rang, Man. Moll.* 322.

Veneridia Isoperia, part., *Rafin. Anal. Nat.* 1815.

Nymphacea, *Menke, Syn.* 111.

Tellinacea, *Anton, Verz. Conch.* 12.

Tellinina, *Macgilliv. Moll. Aberd.* 214.

Tellinacées (*Tellinacea*), *Blainv. Bull. Soc. Phil.* 1814, 179.

- Tellinaceæ, *Oken, Isis*, 1818, 1681.
 Tellinoidæ, *Agassiz, Nomencl.*
 Tellinidea, *Swainson, Elem. Conch.* 1835.
 Tellinides, *Lamk. Hist. A. s. V. v. 535*, 1818, ed. 2. vi. 215; *Desh. E. M.* iii. 1021; *Sow. Man.* 104, ed. 2. 270; *Gray, Ann. Phil.* ix. 136.
 Tellinina, *Milne-Edw. Elem. Zool.* 1841; *Macgilliv. Conch. Text-Book*, 202; *Moll. Aberd.* 1843.
 Tellininæ, *Swains. Mal.* 371, 1840.
 Psammobiadæ, part., *Flem. B. A.* 409, 437, 1828.
 Psammobioidæ, part., *Agass. Nomencl.*
 Donacidæ, *Forbes & Hanley, Brit. Moll.* 331.
 Veneriadæ, part., *Leach, Ann. & Mag. N. H.* xx. 272.

A. TELLININA.

1. PSAMMOBIA.

- Psammobia (Gari), *Lamk. Hist. A. s. V. v. 511*, 1818, ed. 2. vi. 171; *Blainv. D. S. N.* xliii. 476 (not *Risso, E. M.* iv. 375); *Sow. Gen.*; *Desh. E. M.* iii. 154; *Forbes & Hanley, Brit. Moll.* 271.
 Gari, *A. Schum. N. Syst.* 1817.
 Solen (Gari), *Megerle*, 1811.
 Peronæa et Peronæoderma, *Poli, Test. Sicil.*
 Azor, part. (vespertinus), *Leach MSS.* 1818; *Ann. & Mag. N. H.* xx. 272.
 Psammothæa, *Cuvier, R. A.* ed. 2; *Voigt.* iii. 566.
 Psammotea, *Férussac, Tab. Syst.* 43, 1821; *Schweiger, Naturg.* 705; *Blainv. Man.* 349.
 Psammotæa (zonalis), *Lamk. Hist. A. s. V. v. 516*, 1818, ed. 2. vi. 180.
 Psammocola (section), *Blainv. Dict. Sci. Nat.* xxxii. 349, 1824; *Malac.* 567; *Lea, Proc. Phil. Soc.* iii. 165.

* AZOR.

1. PSAMMOBIA VESPERTINUS (The Setting Sun).

- Solen pictus, *Spengler, Skrift. Nat. Selsk.* ii. 107 (partly?).
 Lux vespertina, *Chemn. Conch.* vi. 72. t. 7. f. 59, 60.
 Solen vespertina, *Gmel. S. N.* 3228; *Mont. T. B.* 54; *Linn. Trans.* viii. 47; *Wood, G. Conch.* 135. t. 32. f. 2, 3; *Turton, Dict.* 163; *Penn. B. Z.* ed. 1812, iv. 174. t. 50. f. 2.
 Psammobia vespertina, *Lamk. Hist.* vi. 173. n. 3; *Turt. Biv.* 92. t. 6. f. 10, young; *Brown, Ill. C.* t. 16. f. 3, ed. 2. 102. t. 40. f. 3; *Philippi, Sicil.* i. 22, ii. 21.
 Sanguinolaria vespertina, *Thorpe, Brit. Mar. Conch.* 65; *Flem. B.*

A. 461; *Lovèn*, 42. 302; *Forbes & Hanley*, *Brit. Moll.* i. 271. t. 19. f. 1, 2.

P. florida, *Lamk. Hist.* vi. 174. n. 4.

Tellina depressa, *Penn. B. Z.* ed. 4. iv. 73. t. 47. f. 27 (not *Linn.*).

T. albida, *Dillwyn*, *R. S.* 78 (not *Linn.*).

Tel. variabilis, *Pult. Dors.* 29; *Don. B. S.* ii. t. 41. f. 2.

Tellina Gari, *Poli, Sic.* t. 15. f. 19, 21, 22 (not *Linn.*).

Tel. radiata, *Linn. F. S.* ed. 2 (not *Syst. Nat.*).

Azor variabilis, *Leach, Ann. & Mag. N. H.* xx. 272.

a, b. Loch Ranza. Presented by the Rev. D. Landsborough.

c—e. }
f—i. } Britain.

j. Loch Ryan.

k. Dublin Bay. Presented by T. Warren, Esq.

** PSAMMOBIA.

2. PSAMMOBIA FERROENSIS.

Tellina Feroensis, *Gmelin*, *S. N.* 3235; *Mont. T. B.* 55; *Philippi*, 23. t. 3. f. 7; *Born.* t. 2. f. 6.

T. radiata, *Da Costa*, 209. t. 14. f. 1; *Brown, Ill. C.* t. 16. f. 1, 2.

Psammobia feröensis, *Lamk. Hist.* ed. 2. vi. 172; *Lovèn*, *I. M.* 42; *Forbes*, *M. G. S.* i. 410. 28; *Turt. Biv.* t. 8. f. 1; *Leach, Ann. & Mag. N. H.* xx. 272.

T. feröensis, *Chemn.* vi. t. 10. f. 91; *Pult. Dors.* 29; *Penn. B. Z.* ed. 1812, iv. 177. t. 50. f. 3.

Tellina trifasciata, *Don. B. S.* t. 60 (not *Gmelin*).

T. truncata, *Spengler* (not *Linn.*).

T. incarnata, *Linn. F. S.* ed. 2 (not *Syst. Nat.*); *Penn. B. Z.* ed. 4. iv. t. 47. f. 31.

T. muricata, *Brocchi*, 511. t. 12. f. 2.

Psammobia ferroensis, *Forbes & Hanley*, *Brit. Moll.* i. 274. t. 19. f. 3.

List. Hist. Conch. t. 394. f. 241; *Ang.* 19. t. 1. f. *a.*

a—c. Dublin Bay. Presented by T. Warren, Esq.

d—m. Britain.

n, o. Scotland.

p, q. Britain. Presented by Mrs. Robinson.

*** PSAMMOBELLA.

3. PSAMMOBIA TELLINELLA.

Psammobia Tellinella, *Lamk. Hist.* vi. 177. n. 1; *Thorpe, Mar. Conch.* 62; *Brown, Ill. Conch.* 102. 133. t. 39. f. 30; *Lovèn*, *I. M.* 42. 303; *Forbes & Hanley*, *Brit. Moll.* 277. t. 19. f. 4, t. K. f. 1, animal.

- P. florida*, *Turt. Biv.* 86. t. 6. f. 9 (not *Lam.*); *Flem. B. A.* 437.
a—c. Bantry Bay.
d, e. Scotland.
f—p. Britain.

4. PSAMMOBIA COSTULATA.

- Psammobia costulata*, *Turt. Biv.* 87. t. 6. f. 8; *Flem. B. A.* 437;
Thorpe, Mar. Conch. 62; *Brown, Ill. C.* 102. 133. t. 39. f. 34;
Forbes & Hanley, Brit. Moll. i. 279. t. 19. f. 5; *Philippi, Moll.*
ii. 21; *Neu Conch. t. 1. f. 3, 4.*
P. discors, *Philippi, i.* 23. t. 3. f. 8; *Jeffreys, Ann. & Mag. N. H.*
xix. 314.
Hab. — ?

2. DIODONTA.

- Diodonta*, *Desh. Exp. Algér.* t. 68; *Forbes & Hanley, Brit. Moll. i.*
 283 (not *Didonta*, *Schum. nor Diodonta*, *Agassiz, Nomenclat.*).
Petricola, sp., *Lamk. Hist.*
Psammotæa, sp., *Lamk. Hist.*
Psammobia, sp., *Turton, Bivalves*, 88; *Brown, Ill. C. G. B.*

1. DIODONTA FRAGILIS.

- Tellina fragilis*, *Linn. S. N.* 1117; *Chemn. Conch. vi.* 95. t. 9. f. 84
Turt. Conch. Dict. 166. f. 18; *Poli*, t. 15. f. 22, 24; *Dillw.*
R. S. i. 78; *Wood, Cat. t. 3. f. 7*; *Philippi in Wieg. Arch.*
Natur. 1845, 190. t. 7. f. 19, 20; *Anim. Moll. Sicil. i.* 27, ii. 22.
Psammobia fragilis, *Turt. Biv.* 88. t. 7. f. 11, 12; *Flem. B. A.*
 438; *Thorpe, Mar. Conch.* 62.
Tell. jugosa, *Brown, Wern. Trans. ii.* 506. t. 24. f. 2.
Psammobia jugosa, *Brown, Ill. C. t. 16. f. 4, 5, 6.*
Petricola ochroleuca, *Lamk. Hist. vi.* 157; *Payraud. Cors. t. 1.*
f. 9, 10; *Sow. Gen. f. 4*; *Desh. Elem. t. 12. f. 13*; *Thorpe, M. C.*
xxvi.
Peronæa sanguinolenta & Peronæoderma fragilis, *Poli, ii.* 252, 257.
Psammobia Tarentina, *Lamk. Hist. vi.* 183; *Deless. Rec. Coq.*
t. 5. f. 11.
Tellina ochroleuca, *Wood, Cat. Supp. t. 1. f. 6.*
Diodonta fragilis, *Desh. Exp. Algérie, Moll. t. 68*, animal; *Forbes*
& Hanley, Brit. Moll. i. 284. t. 21. f. 2, t. K. f. 2, animal.
 JUNIOR? *Tellina polygona*, *Mont. T. B. Supp. 27. t. 28. f. 4*,
cop. Wood, Cat. t. 4. f. 80, and *Brown, Ill. Conch. 102. t. 39. f. 33*;
Turt. Dict. 180; *Thorpe, Mar. Conch.* 63 B; *Penn. B. Z.*
ed. 1812, iv. 185. no. 25.
Psammobia polygona, *Turt. Biv.* 96; *Flem. B. A.* 439.
T. Guinaica, *Dillw. R. S. i.* 96.
Diodonta fragilis, junior? *Forbes & Hanley, Brit. Moll.* 286, note.
a—c. Bantry.

3. TELLINA.

- Tellina (part.), *Linn. S. N.* ed. 10, 674, 1758; ed. 12, 1126, 1767.
 Tellina (radiata), *Brug. Ency. Méth.* t. 287, 1792; *Lamk. Syst.* 124, 1801; *Schum. Essai*, 161, 1817; *Forbes & Hanley, Brit. Moll.* 286.
 Peronæa, sp. *Poli, Test. Sicil.*
 Psammotæa, part., *Lamk. Hist. A. s. V.* 1818.
 Angulus (lanceolata), *Megerle, Entw.* 47, 1811.
 Macoma (tenera), *Leach, in Ross's Voy. Baffin's Bay*, i. 175, 1819; *Journ. Phys.* lxxxviii. 465, 1819; *Couch, Man.* ed. 2. 180; *Blainv. Mal.* 558, 1825.
 Macroma, *Gray, P. Z. Soc.* 1848, 106 (error of press); *Forbes & Hanley, Brit. Moll.* 307.
 Psammotea (solidula), *Turton, Bivalves*, 1822.
 Tellinides (timorensis), *Lamk. Hist. A. s. V.* v. 535 (1818), ed. 2. vi. 215; *Recluz, Rev. Zool.* 1846, 146.
 Tellinides (roseus), *Sow. Gen. f.* 1; *Man.* i. 104, ed. 2. 270.
 Omala (planata), *Schum. Essai*, 128, 1817.
 Homala (planata), *Agassiz, Nomencl.*
 Phylloda (foliacea), *Schum. Essai*, 148, 1817.
 Phyllode (foliacea), *Blainv. D. S. N.* xl. 107 (misprint).
 Arcopagia (crassa), *Leach*, 1816; *Brown, Ill. Conch.* t. 16. f. 8; *D'Orb. Voy. Amér. Mérid.*
 Tellina β . (scobinata), *Megerle, Entw.*
 Solecurtus (solida), *Gray, Spic. Zool.*

* ARCOPAGIA.

Arcopagia, *Leach, Ann. & Mag. N. H.* xx. 272; *Brown, Ill. Conch.*

1. TELLINA CRASSA.

Lister, Conch. t. 299. f. 136.

Venus crassa, *Gmelin, S. N.* 3288.

Tellina crassa, *Penn. B. Z.* ed. 4. iv. 73 (not figure); *Lam. Hist.* vi. 201. n. 35; *Mont. T. B.* 65; *Linn. Trans.* viii. 55; *Lovèn, I. M.* 41. 296; *Forbes, M. G. S.* i. 410. 27; *Forbes & Hanley, Brit. Moll.* i. 288. t. 20. f. 1, 2; *Turton, Dict.* 173; *Bivalves*, 109. t. 7. f. 2; *Flem. B. A.* 436; *Macgill. Moll. Aberd.* 280; *Thorpe, Mar. Conch.* 80; *Wood, Conch.* 186. t. 40. f. 1; *Cat.* t. 4. f. 75; *Thomp. Rep. B. Assoc.* 1843, 261.

T. rigida, *Pulteney, Dors. Cat.* 30; *Don. B. S.* 111. t. 103.

Pectunculus depressior, *Da Costa*, 194. t. 13. f. 4. right hand.

Tellina obtusa, *Sow. M. C.* t. 179. f. 4.

Arcopagia crassa, *Leach*, 1818, *Ann. & Mag. N. H.* xx. 272; *Brown, Ill. Conch.* t. 16. f. 8, ed. 2. 99. t. 40. f. 8.

A. ovata, *Brown, Ill. C.* t. 16. f. 9-10, ed. 2. 99. t. 40. f. 9-10, junior?

Tellina maculata, *Adams, Linn. Trans.* iii. 252? *Linn. Trans.* viii. 48?; *Turt. Dict.* 173. f. 13; *Bivalves*, 108. t. 6. f. 7; *Flem. B. A.* 436; *Thorpe, Mar. Conch.* 70; *Wood, Conch.* 153.

T. scabra, *Chemn. Conch.* vi. t. 10. f. 94.

a—l. Plymouth Sound and Devonshire Coast.

m. Britain. Presented by Mrs. Robinson.

n. Dublin Bay. Presented by T. Warren, Esq.

2. TELLINA BALAUSTINA.

Tellina balaustina, *Linn. S. N.* 1119; *Poli, Test. Sicil.* i. 14. f. 17; *Desh. in Lamk.* vi. 209; *Philippi, Sicil. Moll.* i. 25 & ii. 21; *Hanley, Recent Shells*, 72, *Supp.* t. 9. f. 17; *Thompson, Ann. N. H.* xviii. 385; *Jeffreys, Ann. & Mag. N. H.* xix. 313, 1849; *Forbes & Hanley, Brit. Moll.* i. 290. t. 21. f. 2; *Hanley in Sow. Thes. Conch.* i. 253. t. 56. f. 10.

Lucina balaustina, *Payraud. Moll. Cors.* t. 1. f. 21, 22.

Hab. Connemara and Isle of Skye; Falmouth.

** *Elongate.* DONACILLA.

3. TELLINA DONACINA.

Tellina donacina, *Linn. S. N.* i. 1118; *Lam. Hist.* vi. 198. n. 27; *Poli*, i. t. 15. f. 10; *Mont. T. B.* 58. t. 27. f. 3; *M. & R. Linn. Trans.* viii. 50. t. 1. f. 7; *Dors. Cat.* 29. t. 12. f. 3 B; *Pulteney, in Hutchins' Hist. Dorset*, 29; *Wood, G. Conch.* 161. t. 45. f. 5; *Cat.* t. 4. f. 31; *Turt. Biv.* 103. t. 8. f. 4; *Dict.* 170; *Flem. B. A.* 435; *Thorpe, Mar. Conch.* 67; *Brown, Ill. C. G. B.* t. 16. f. 16, ed. 2. 101. t. 40. f. 16; *Desh. Elem.* t. 14. f. 1, 2, 3; *Exp. Sci. Algérie, Moll.* t. 69. f. 1, 3; *Philippi, Moll. Sicil.* i. 24, ii. 21; *Forbes & Hanley, Moll.* ii. 292. t. 20. f. 3, 4, t. K. f. 4, animal; *Dillw. Recent Shells*, i. 89; *Hanley, Recent Shells*, 64; *ditto in Sow. Thes. Conch.* i. 232. t. 56. f. 12, t. 66. f. 259; *Leach, Ann. & Mag. N. H.* xx. 272; *Penn. B. Z.* ed. 1812, iv. 178. no. 5.

T. variegata, *Poli*, i. t. 15. f. 10.

T. subcarinata, *Broc.* 512. t. 12. f. 5.

T. Lantivy, *Payr. Cat. Cors.* 40. t. 1. f. 10, 14, 15.

T. trifasciata, *Penn. B. Z.* ed. 4. iv. 75. no. 33 (not *Linn.*).

a—c. Scotland.

d, e. Loch Ryan. Presented by the Rev. D. Landsborough.

f. Dublin Bay. Presented by T. Warren, Esq.

g—i. Shetland Isles. Presented by J. T. Irvine, Esq.

4. TELLINA PYGMEA.

Tellina pygmaea, "*Philippi MSS.*" in *Lovèn, Ind. Moll. Suec.* 42. 300; *Alder, Cat. Northumb.* 88; *Jeffreys, Ann. N. H.* xx. 18; *Forbes & Hanley, Moll. Brit.* ii. 295. t. 19. f. 6 7.

Like *T. donacina*, but smaller, more tumid, the pallial sinus less produced, and the front cardinal teeth more remote.

a—h. Arran.

i—m. Cape Wrath, Orkney. Presented by R. McAndrew, Esq.

n—p. Holy Island. Presented by J. Alder, Esq.

*** FABULINA.

5. *TELLINA INCARNATA.*

T. incarnata, *Linn. S. N.* 1118, *fide Mus. Linn.*; *Poli*, i. t. 15. f. 1. (not *Linn. F. S.*, *Penn. nor Dillw.*); *Hanley, Thes. Conch.* i. 283. t. 60. f. 142, t. 66. f. 265; *Forbes & Hanley, Brit. Moll.* i. 298. t. 20. f. 5.

T. squalida, *Pult. Dors.* 29; *Mont. T. B.* 56; *Flem. B. A.* 436.

Tellina depressa, *Gmel.* 3238; *Lam. Hist.* vi. 195. n. 22; *Brown, Conch.* ed. 1. t. 16. f. 12, ed. 2. 100. t. 40. f. 12; *Wood, G. Conch.* 171. t. 45. f. 3; *Turt. Biv.* 105. t. 8. f. 6; *Phil. Moll. Sicil.* i. 27, ii. 22; *Dillw. R. S.* i. 91; *Donov. B. Shells*, v. t. 163; *Linn. Trans.* viii. 51; *Turt. Dict.* 171; *Bivalves*, 105; *Thorpe, Mar. Conch.* 68; *Penn. B. Z.* ed. 1812, 179. no. 8.

a—k. Britain.

6. *TELLINA TENUIS.*

Tellina incarnata, *List. Conch.* t. 405. f. 251; *Chemn. Conch.* vi. 119. t. 12. f. 110, not *Linn.*; *Dillw. R. S.* i. 87.

T. planata, *Penn. B. Z.* ed. 4. iv. 74. t. 48. f. 29 (not *Linn.*); *Forbes, M. G. S.* i. 410. 28; *Burrows, Elem.* t. 5. f. 3.

T. balaustina, *Dillw. R. S.* i. 93 (not *Linn.*).

T. carnaria, *Born. Mus.* (not *Linn.*).

T. polita, *Pult. Cat. Dors.* 29.

Tellina tenuis, *Da Costa*, 210; *Chemn.* f. 117; *Don. B. S.* i. t. 19. fig. 3. lower; *Lam. Hist.* vi. 197. n. 25; *Mont. T. B.* 59; *Linn. Trans.* viii. 52; *Turton, Dict.* 169; *Bivalves*, 107; *Flem. B. A.* 436; *Thorpe, Mar. Conch.* 68; *Brown, Ill. Conch.* 100. t. 40. f. 19; *Wood, Conch.* 155. t. 44. f. 3, 4; *Cat.* t. 3. f. 22; *Philippi, Sicil.* i. 26, ii. 22; *Forbes & Hanley, Moll. Brit.* i. 300. t. 19. f. 8, t. K. f. 3, animal; *Lovèn, I. M.* 41. 298; *Leach, Ann. & Mag. N. H.* xx. 272; *Penn. B. Z.* ed. 1812, 180. t. 51. f. 2.

VAR. *T. exigua*, *Poli, Test. Sicil.* t. 15. f. 15–17.

a—h. Aberdeenshire. Presented by Professor Macgillivray.
i, k. Southampton.

l—c c. Britain.

d d—i i. Edinburgh. Presented by Miss Greville.

7. *TELLINA FABULA*.

Tellina fabula, Gronov. *Zoophyl.* 263. no. 1111. t. 18. f. 9; Gmelin, 3239; Lam. H. ed. 2. vi. 197; Wood, G. Conch. 156. t. 45. f. 4; Ind. Test. t. 3. f. 23; Mont. T. B. 61; Linn. Trans. viii. 52; Dorset Cat. 30. t. 12. f. 3, 3 a; Forbes, M. G. S. 411. 32; Brown, Ill. Conch. G. B. t. 16. f. 19, 2nd ed. t. 40. f. 18; Wood, Gen. Conch. 156. t. 45. f. 4; Turt. Conch. Dict. 170; Brit. Biv. 101; Flem. Brit. An. 435; Macgill. Moll. Aberd. 280; Thorpe, Brit. Mar. Conch. 66; Philippi, Moll. Sic. i. 26. t. 3. f. 10, ii. 22; Forbes & Hanley, Brit. Moll. i. 302. t. 19. f. 9, var. t. 26. f. 3; Donovan. B. S. t. 97; Dillw. Recent Shells, i. 91; Rees, Cyclop. Shells, t. 5; Deless. Rec. Coq. t. 6. f. 5; Hanley, Recent Shells, 64; ditto in Sow. Thes. Conch. i. 287. t. 57. f. 62; Ann. & Mag. N. H. xx. 272; Penn. B. Z. ed. 1812, 179. no. 9.

T. discors, Pulteney, Dors. 54.

"*T. semistriata*, Solander," Montag.

Tellina vitrea, Gmelin.

a—k. Britain.

l—w. Aberdeenshire. Presented by Professor Macgillivray.

x—b b. Red Car.

c c—ff. Edinburgh. Presented by Miss Greville.

**** *MACOMA*, Leach.

8. *TELLINA CARNARIA*.

T. carnaria, Penn. B. Z. ed. 4. iv. 74. t. 49. f. 32, 32 A (not ed. 1812, nor Linn.); Fleming, Brit. An. 438.

T. rubra, Da Costa, 211. t. 12. f. 4.

Tellina solidula, Pulteney Hutchins' Hist. Dors. 29; Dorset Cat. 29. t. 8. f. 4; Mont. T. B. 63; Linn. Trans. viii. 58; Lovén, Moll. Suec. t. 41; Lam. H. ed. 2. vi. 206; Index Testac. t. 4. f. 84; Turt. Conch. Dict. 177; Macgill. Moll. Aberd. 279; Thorpe, Brit. Mar. Conch. 70; Brown, Ill. Conch. G. B. 101. t. 40. f. 14; Wood, Gen. Conch. 193. t. 46. f. 2; Hanley, Recent Shells, 70; ditto in Sow. Thes. Conch. 318. t. 59. f. 109, 110; Forbes & Hanley, Brit. Moll. i. 304. t. 20. f. 6; Ann. & Mag. N. H. xx. 272; Penn. B. Z. ed. 1812, 184. t. 52. f. 2, 2 A.

? *T. zonata*, Dillw. R. S. i. 100 (not Gmelin) = List. Ang. t. 4. f. 25; List. Conch. f. 250, 251.

T. balthica, Gmel.?; Philippi, Moll. Sic. i. 28, ii. 22; Forbes, Mem. Geol. Surv. i. 411. 29.

Psammobia solidula, Turt. Brit. Biv. 95. t. 8. f. 2.

a—j. Aberdeenshire. Presented by Professor Macgillivray.

k. Falmouth. Presented by W. P. Cocks, Esq.

l—o. New Romney.

p, q? var.? Edinburgh. Presented by Miss Greville.

Montagu considers this the *T. incarnata*, Linn., Chemn. v. f. 110.

9. TELLINA TENERA.

- Macoma tenera*, *Leach, App. Ross Voy. Baffin's Bay*, i. 175, 1819; *Journ. Phys.* lxxxviii. 465, 1819.
- Tellina proxima*, *Gray, Zool. Beech. Voy.* 154. t. 44. f. 4; *Smith, Wern. Trans.* viii. 105. t. 1. f. 21; *Macg. Aberd.* 340; *Thorpe, M. C.* 246; *Jeffreys, Ann. N. H.* xx. 19; *Philippi, Neu Conch.* ii. *Tellina*, t. 5. f. 4; *Hanley in Sow. Thes. Conch.* i. 313. t. 66. f. 264, t. 59. f. 115; *Forbes and Hanley, Brit. Moll.* i. 307. t. 21. f. 1.
- T. lata*, *Gmelin*; *Lovèn, M. Suec.* 41. 297 (not *Quoy & Gaim.*).
 "T. triangularis, *Wahlenb.*," *Lyell*.
- T. calcarea*, *Lyell, Phil. Trans.* 1836; *Möller*; *Forbes, Mem. Geol. Surv.* i. 411.
- T. sabulosa*, *Spengler*.
- T. sordida*, *Couthouy, Bost. Journ. Nat. Hist.* ii. 59. t. 3. f. 11.
- T. ovalis*, *Woodward, Geol. Norf.* t. 2. f. 11.
- T. ovata*, *Sow. Min. Conch.* t. 161. f. 2.
- T. obliqua*, *Sow. M. C.* t. 161. f. 1.
- Sanguinolaria sordida*, *Gould, Invert. Mass.* 67=*List. Conch.* t. 407. f. 253.
- Inhab. Scotland.

4. ABRA.

- Abra (tenuis)*, *Leach, MSS. B. M.* 1817, & in *Lamk. H. A. s. V.* 1818, ed. 2. vi. 128; *Ann. & Mag. N. H.* xx. 272.
- Syndosmya (Boysii)*, *Recluz, Rev. Zool.* 1843, 292, 359; *Lovèn, Ind. Moll. Skand.* 44, 1846; *Forbes and Hanley, Brit. Moll.* i. 315.
- Syndesmya*, *Agass. Nom.* (misprint).
- Syndosmia*, *Forbes, Athenæum*, 1844 (misprint).
- Ligula β. (tenuis)*, part., *Montague, Test. Brit.* 1808, not *Menke*, 1830.
- Amphidesma*, part., *Lamk. H. A. s. V.* 1818.
- Erycina (Boysii)* (*Lamk. ?*), *Philippi, Moll. Sicil.* 1846.
- Tellina*, part. (*rubiginosa*), *Poli, Test. Sicil.*

1. ABRA ALBA.

- Mactra Boysii*, *Mont. T. B.* 98. t. 3. f. 7; *Maton & Racket, Linn. T.* viii. 72. t. 1. f. 12; *Dorset Cat.* 33. t. 12. f. 7; *Turt. Conch. Dict.* 84; *Dillw. Rec. Shells*, 143; *Index Testac.* t. 6. *Mactra*, f. 27; *Penn. B. Z.* 1812, iv. 195. no. 10.
- Amphidesma Boysii*, *Lam. H.* ed. 2. vi. 128; *Turt. Biv.* 53. t. 5. f. 4, 5; *Thorpe, Brit. Mar. Conch.* 55; *Brown, Ill. Con. G. B.* 105. t. 42. f. 3; *Hanley, Recent Shells*, 42. t. 6. *Mactra*, f. 27.
- Ligula Boysii*, *Mont. Linn. Trans.*
- Mactra alba*, *Wood, Linn. Trans.* vi. 174. t. 18. f. 9-12.
- Amphidesma alba*, *Fleming, B. A.* 432; *Macgill. Moll. Aberd.* 293.

Syndosmya alba, *Recluz*, *Rev. Zool.* 1843, 362; *Chenu*, *Ill. Conch. Syndosm.* 3; *Lovèn*, *Ind. Moll. Skand.* 45. 311; *Forbes & Hanley*, *Brit. Moll.* i. 316. t. 17. f. 12, 13, 14.

Abra alba, *Leach*; *Gray*, *Ann. & Mag. N. H.* 1847, 272; *Forbes*, *M. G. S.* i. 409. 18 (1846).

Erycina Renieri, *Brown*; *Philippi*, i. 2. t. 1. f. 6, ii. 8.

Tellina opalina, *Renieri*, not *Chemn.*

T. pellucida, *Brocchi*, t. 12. f. 8.

Amph. semidentata, *Scacchi*, *Cat.* 5.

a—f. Coast of England.

g—j. Scarborough.

k, l. Strangford Lough. Presented by G. Hyndman, Esq.

m—r. Dublin Bay. Presented by T. Warren, Esq.

2. ABRA INTERMEDIA.

Amphidesma intermedia, *Thompson*, *Ann. N. H.* xv. 318. t. 19. f. 6.

Abra intermedia, *Forbes*, *M. G. S.* i. 409. 20; *Forbes & Hanley*, *Brit. Moll.* i. 319. t. 17. f. 9, 10, t. K. f. 5, animal.

Amph. obovale, *S. Wood*.

Mya nitida, *Müller*, *Prod. n.* 2963, not *O. Fab.*

Syndosmya nitida, *Lovèn*, *Ind. Moll. Skand.* 44.

YOUNG. *Abra profundissima*, *Jeffreys*, *Ann. Nat. Hist.* xx. 19 (not *Forbes*).

a—c. Scotland.

d—l. Inverary.

m—p. S. of Ireland. Presented by R. M'Andrew, Esq.

3. ABRA PRISMATICA.

Ligula prismatica, *Mont. T. B. Supp.* 23. t. 26. f. 3; *Penn. B. Z.* ed. 1812, iv. 169. no. 1.

Mya prismatica, *Wood*, *Gen. Conch.* 101; *Turt. Conch. Dict.* 103; *Dillw. Recent Shells*, i. 47; *Index Testac.* t. 2. *Mya*, f. 21.

Amphidesma prismatica, *Lamk. Hist.* ed. 2. vi. 128; *Turt. Brit. Biv.* 52. t. 5. f. 3; *Macgilliv. Moll. Aberd.* 294; *Thorpe*, *Brit. Mar. Conch.* 54; *Brown*, *Ill. Conch. G. B.* 105. t. 42. f. 5; *Hanley*, *Recent Shells*, i. 42. t. 2. *Mya*, f. 21.

Abra prismatica, "*Leach*," fide *Lam. Hist.*; *Ann. & Mag. N. H.* xx. 1847, 272; *Forbes*, *M. G. S.* i. 408. 19.

Syndosmya prismatica, *Recluz*, *Rev. Zool.* 1843, 367, in *Chenu*, *Ill. Conch. Syndos.* 4; *Forbes & Hanley*, *Brit. Moll.* i. 321. t. 17. f. 15; *Lovèn*, *Ind. Moll. Skand.* 45. 314.

a—f. Newcastle. Presented by J. Alder, Esq.

g—k. Ireland.

l, m. Dublin Bay. Presented by T. Warren, Esq.

n—s. Britain.

4. ABRA TENUIS.

Mactra tenuis, *Mont. T. B.* 572. t. 17. f. 7; *Linn. Trans.* viii. 72; *Dorset Cat.* 33; *Turton, Conch. Dict.* 84; *Fleming, Brit. An.* 433; *Dillw. Recent Shells*, i. 142; *Ind. Test.* t. 6. *Mactra*, f. 26.

Amphidesma tenue, *Lam. Hist.* ed. 2. vi. 128. 8; *Turt. Biv.* 53; *Flem. Brit. An.* 432; *Macgilliv. Moll. Aberd.* 293; *Thorpe, Brit. Mar. Conch.* 55. f. 24; *Brown, Ill. Con. G. B.* 105. t. 45. f. 2; *Delessert, Rec. Coq.* t. 4. f. 6; *Hanley, Recent Shells*, 42.

Ligula tenuis, *Brown, Ill. C.* t. 14. f. 2.

Abra tenuis, *Leach*, fide *Lamk. H.* v. 492; *Ann. & Mag. N. H.* xx. 1847, 272.

Syndosmya tenuis, *Recluz, Rev. Zool.* 1843, 366, & in *Chenu, Ill. Conch. Syndos.* 3; *Forbes & Hanley, Brit. Moll.* i. 323. t. 17. f. 11.

a—f. Coast of England.

5. TRIGONELLA.

Arenaria (compressa), *Megerle, Entw.* 47, 1811, not *Linn.*

Scrobicularia a., *Schum. Essai*, 127, 1817; *Blainv. D. S. N.* xlviii. 212.

Scrobicularia, *Forbes & Hanley, Brit. Moll.* 325.

Ligula β. (compressa), *Montague, T. Brit.* 1808.

Abra (compressa), part, *Leach, MSS. Brit. Mus.* 1819; *Ann. & Mag. N. H.* xx. 1847, 272.

Abra (fragilis), “*Leach, MSS.*,” *Risso, Eur. Merid.* iv. 370, 1826.

Lavignon, *Cuvier, R. A.* 1817; *D’Orb. Amér. Mérid.*

Lavignonus (Lavignon), *Férussac, Tabl. Syst.* 44, 1821; *Pot. & Mich. Gall.* ii. 249, 1844.

Listera (piperita), *Turton, Bivalves*, 51, 1822 (not *Brown*); *Menke, Syn.* ed. 2. 118.

Lutricola a., *Blainv. Dict. Sci. Nat.* xxxii. 348, 1824; *Malac.* 566; not *Luticola*, *Goldfuss*.

Lutraria (compressa), *Swains. Malac.* 1840.

Trigonella (compressa), *Lovèn, Moll. Skand.*

Calcinella, “*Desh.*,” *Agassiz, Nomenclat.*

Carinella, *Sow. Man.* 98 (misprint), 1842.

Platymya sp., *Agassiz, Verh.* 1838.

Lutraria, sp., *Lamk. Hist. A. s. V.* 1818.

Trigonella, sp., *Da Costa, Brit. Shells*, 200.

Amphidesma, sp., *Fleming, B. A.*; *Sow. Gen.*; *Say, Amer. Conch.*

Ligula, part, *Leach, MSS.*

Chama (Calcinella), *Adanson, Seneg.*

1. TRIGONELLA PLANA.

- Trigonella plana*, *Da Costa, Brit. Conch.* 200. t. 13. f. 1; *Desh. Exp. Sc. Algérie, Moll.* t. 44-64 (shell, animal and anatomy).
Macra piperata, *Gmel. Syst. Nat.* 3261; *Dillw. Recent Shells*, i. 142.
Lutraria piperata, *Lamk. Hist.* 2nd ed. vi. 92; *Philippi, Moll. Sic.* i. 9; *Chenu, Illust. Conchyl. Lutraria*, t. 1. f. 1.
Scrobicularia piperata, *Philippi, l. c.* ii. 8; *Forbes, Mem. Geol. Surv.* i. 409. 16; *Forbes & Hanley, Brit. Moll.* i. 326. t. 15. f. 5, t. K. f. 6 (animal).
Macra compressa, *Soland.; Pulteney Hutchins' Dors.* 31; *Mont. T. B.* 96 & 560.
Lutraria compressa, *Lamk. Hist.* 2nd ed. vi. 91; *Brown, Ill. Conch. G. B.* t. 12. f. 4, 2nd ed. 109. t. 43. f. 4; *Crouch, Introd. Conch.* t. 4. f. 3; *Hanley, Recent Shells*, 27; *Chenu, Ill. Conch. Lutraria*, t. 1. f. 7.
Listera compressa, *Turt. Biv.* 51. t. 5. f. 1, 2; *Thorpe, Brit. Mar. Conch.* 45.
Amphidesma compressa, *Flem. B. A.*
A. transversum, *Say, Amer. Conch.* t. 28. *mid. fig.* (fide *Recluz*).
Tellina plana, *Donov. B. S.* ii. t. 64. f. 1.
Mya Gaditana, *Gmel.* 3221.
Lutricola compressa, *Blainv. Malac.* 77. f. 2.
Solen callosus, *Olivi.*
Mya hispanica, *Chemn. C. Cab.* vi. 31. t. 3. f. 21.
M. orbiculata, *Spengler.*
Venus borealis, *Penn. B. Z.* ed. 4. iv. 82 (*Tellina crassa*) t. 48. f. 28 (not *Linn.*).
Macra Listeri, *Gmel.* 3261=*List. Hist. Conch.* t. 253. f. 88; *Ang.* t. 4. f. 23; *Linn. Trans.* viii. 71; *Dorset Cat.* 33. t. 7. f. 1; *Turt. Conch. Dict.* 83; *Ind. Test.* t. 6. *Macra*, f. 25; *Penn. B. Z.* ed. 1812, iv. 194. no. 7 (*Tellina crassa*, t. 51. f. 1).
Lutraria Listeri, *S. Wood; Macgilliv. Moll. Aberd.* 291.
Abra Listeri, *Leach*, 1819; *Ann. & Mag. N. H.* xx. 272, 1847.
Abra fragilis, "*Leach*;" *Risso, Europ. Merid.* iv. 370.
Lavignon Calcinella, *Recluz, Ill. Conch. Lavigno*, 8.
YOUNG ?? *Amphidesma truncatum*, *Brown, Ill. Conch. G. B.* 106. t. 42. f. 4.
Syndosmya truncatus, *Recluz, Rev. Zool.* 1843, 368, from *Brown's figure*.
? *Tellina pellucida*, *Brown, Ill. Conch. G. B.* fide *Forbes and Hanley, Brit. Moll.* i. 345 note.
a—c. Northumberland.
d, e. Wyvanhoe, Essex.
f—q. Plymouth.

B. DONACINA.

6. DONAX.

- Donax, *Linn. Syst. Nat.* ed. 10. 682, 1758, ed. 12. 1126, 1797; *Gmelin, S. N.* 3262; *Scopoli*; *Brug. E. M.* i. 14; *Forbes & Hanley, Brit. Moll.* 331; *Sow. Gen. Donax*, f. 1-4.
- Donax (rugosa), *Lamk. Syst. A. s. V.* i. 22, 1801; *Ann. Mus.* vii. 139.
- Cuneus (), *Da Costa, Brit. Shells*; *Humph. Mus. Calonn.*
- Peronæa, part., and Peronæoderma, part., *Poli, Test. Sicil.*
- Capisteria, *Gevers.*
- Hecuba (scortum), *Schum. N. S.* 157, 1817.
- Donax (scortum), *Swainson, Malac.* 1840.
- Chion (denticulata), *Scopoli, Introd. H. N.* 1777.
- Latona (cuneata), *Schum. N. Syst.* 156, 1817, not *Straus* nor *Guerin.*
- Capsa (complanata), part., *Sow. Gen.*
- Potamomya (), *J. Sow.*; *D'Orb.*
- Donacidæ, *Forbes & Hanley, B. Moll.* 331.

* *Margin denticulated.* CUNEUS.

1. DONAX VITTATUS.

- Cuneus vittatus, *Da Costa, Brit. Conch.* 207. t. 14. f. 3.
- Donax asiaticum, *Lamk. Hist.* ed. 2. vi. 249; *Blainv. Man.* t. 71. f. 2; *Forbes & Hanley, Brit. Moll.* i. 332. t. 21. f. 4, 5, 6, t. K. f. 7 (animal); *Hanley, Recent Shells*, i. 83.
- D. trunculus, *Linn. Syst. Nat.* ed. 12. 1127, partly, not *Mus. Ulric.*; *Dillw. R. S.* i. 150 (not *Lam.* 24); *Penn. Brit. Zool.* ed. 4. iv. 79. t. 55, f. 45, ed. 1812, t. 58. f. 1; *Donov. B. S.* i. t. 29. f. 1; *Wood, Linn. Trans.* vi. t. 16. f. 13; *Flem. Brit. An.* 433; *Forbes, M. G. S.* i. 410. 26; *Turt. Conch. Dict.* 41; *Brit. Biv.* 123; *Brown, Ill. Conch. G. B.* 97. t. 39. f. 11; *Ind. Test.* t. 6. *Donax*, f. 5; *Mawe, Conchology*, t. 9. f. 5; *Pulteney Hutchins' Dorset*, 32; *Mont. Test. Brit.* pt. 1. 103; *Dorset Cat.* 33. t. 6. f. 3; *Macgilliv. Moll. Aberd.* 275; *Thorpe, Brit. Mar. Conch.* 77; *Crouch, Introd. Conch.* t. 6. f. 5.
- Peronæa brevirostris and Peronæoderma trunculus, *Poli*, ii. 251, 257=*List. Ang.* t. 5. f. 35; *Conch.* 376. f. 217.
- YOUNG. Donax ruber, *Mont. Test. Brit. Supp.* 38; *Turt. Brit. Biv.* 127. t. 10. f. 14; *Flem. Brit. An.* 434; *Thorpe, Brit. Mar. Conch.* 79; *Brown, Ill. Conch. G. B.* 97. t. 13. f. 13.
- D. trunculus, junior, *Thomp. Rep. B. Assoc.* 1843, 261; *Forbes & Hanley, B. Moll.* 332.
- VAR.? D. fabagella, *Lamk. Hist.* ed. 2.
- a—f, very large. Stornoway.

g—j. Britain.

k. Ditto. Mus. Laskey.

l—n. Scotland.

o—k k, old and young. Britain.

ll—pp. Young (*Donax ruber*, *Mont.*). England.

** *Edge even.* CAPSELLA.

2. DONAX POLITUS.

Donax complanatus, *Mont. T. B.* 106. t. 5. f. 4; *Linn. Trans.* viii. 75; *Turt. Brit. Biv.* 125. t. 7. f. 13, 14; *Conch. Dict.* 42; *Philippi, Sicil.* ii. 28; *Flem. Brit. An.* 433; *Thorpe, Brit. Mar. Conch.* 78; *Dillw. Recent Shells*, i. 150; *Lamk. Hist.* ed. 2. vi. 249; *Ind. Testac.* t. 6. *Donax*, f. 6; *Leach, Ann. & Mag. N. H.* xx. 272; *Penn. B. Z.* ed. 1812, iv. 198. no. 2.

Capsa complanata, *Sow. Gen. Shells, Capsa*, f. 2; *Brown, Ill. Conch. G. B.* 96. t. 39. f. 10; *Payraud. Cat. Moll. Corse*, 46; *Reeve, Conch. Syst.* t. 61. f. 2; *Hanley, Recent Shells*, 86. t. 6, *Donax*, f. 6.

D. lævigata, *Swains. MSS.*, not *Gmelin*.

Tellina polita, *Poli, Test. Sic.* ii. t. 21. f. 14, 15.

Psammobia polita, *Costa, Cat. Test. Sic.* 20.

Peronæoderma politum, *Poli*, ii. 257.

T. vinacea, *Gmel.*

Donax longa, *Brown*; *Philippi, Moll. Sic.* i. 37. t. 3. f. 13.

Tellina variegata a., *Gmelin*, 3237; from *List.* t. 384. f. 227.

Donax politus, *Forbes & Hanley, Brit. Moll.* i. 336. t. 21. f. 7.

a—g. Britain.

h, i. Bantry.

j. Bantry Bay. Presented by Miss Warne.

k—m. Britain.

C. PETRICOLINA.

Gastrochænidæ, part., *Forbes and Hanley, Brit. Moll.* i. 186.

7. PETRICOLA.

Petricola, sp., *Lamk. Hist.*; *Philippi, Sicil.* i. 21.

Petricola, *Forbes & Hanley, Brit. Moll.* i. 151.

Venus, sp., *Retzius, Act. Acad. Taur.* 1786, 11.

Mya (species), *Montagu, Brit. Shells*, ii. 20.

Venerupis, sp., *Gray, Ann. Phil.* 1825; *Blainv. Man. Malac.*

Sphænia (decussata), *Turton, Biv.* 38; *Brown, Illust. C. G. B.*

1. PETRICOLA LITHOPHAGA.

Venus Lithophaga, *Retzius, Act. Acad. Taur.* 1786, 11. f. 1, 2.

Tellina —?, *Poli, Test. Sicil.* i. t. 7. f. 14, 15.

- Mya decussata*, *Mont. T. B. Supp.* 20. t. 28. f. 1; *Thorpe, M. C.* 41; *Dillw. R. S.* i. 46; *Turton, Dict.* 102; *Wood, Gen. Conch.* 99; *Cat.* t. 2. f. 17; *Fleming, B. A.* 466.
- Venerupis decussata*, *Gray, Ann. Phil.* 1825.
- Petricola striata*, *Lamk. Hist.* ed. 2. vi. 158; *Deless. Rec. Coq.* t. 4. f. 11; *Payr. Cat. Moll. Corse*, 35. no. 51.
- P. costellata*, *Lamk. Hist.* ed. 2. vi. 158; *Deless. Rec. Coq.* t. 4. f. 12; *Chenu, Elem.* 200. f. 59; *Payr. Cat. Moll. Corse*, 35. no. 52.
- Petricola ruperella*, *Lamk. Hist.* ed. 2. vi. 159; *Deless. Rec. Coq.* t. 4. f. 14; *Desh. Enc. Méth. Vers.* iii. 747. no. 3.
- Sphænia decussata*, *Turton, Dithyra. Brit.* 38; *Brown, Ill. C.* ed. 2. t. 45. f. 3.
- Venerupis lamellosa* (*V. pétricole*), *Blainv. Man. Malac.* t. 76. f. 2.
- Petricola Lithophaga*, *Bronn, Reise*, 600; *Philippi, Moll. Sic.* i. 21. t. 3. f. 6, ii. t. 20; *Wiegmann, Arch.* 1845, 188. t. 7. f. 11–14, animal; *Desh. Algérie, Moll.* t. 66. f. 5–9. t. 67, anat.; *Forbes & Hanley, Brit. Moll.* i. 151. t. 6. f. 9, 10, t. G. f. 1, animal.
- Petricola* — ? , *Brown, Ill. Conch.* t. 10. f. 3.
- Inhab. Cork Harbour, *Humphrey, Mus. Jeffreys*, two spec.

8. VENERUPIS.

- Venerupis*, *Lamk.* 1818; *Forbes & Hanley, Brit. Moll.* i. 154.
- Capsa*, sp., *Leach, MSS.* 1818; *Ann. & Mag. N. H.* xx. 1847, 272.
- Donax*, sp., *Linn.*
- Petricola*, sp., *Turton, Bivalves.*
- Pullastra*, sp., *Brown, Illust. B. C.*
- Cuneus* sp., *Da Costa, Brit. Shells*, 204.

1. VENERUPIS IRUS.

- Donax Irus*, *Linn. S. N.* 1128; *Chemn.* vi. 271. t. 26. f. 268, 269; *Don. B. S.* t. 29. f. 2; *Mont. T. B.* 108, 573; *Dors. Cat.* t. 12. f. 6; *Linn. Trans.* viii. 77; *Turton, Dict.* 43; *Dillw. R. S.* i. 156; *Penn. Brit. Zool.* ed. 1812, iv. 200. no. 6.
- Cuneus foliatus*, *Da Costa, B. S.* 204. t. 15. f. 6 (left hand).
- Petricola Irus*, *Turt. Dith. Brit.* 26. t. 2. f. 14.
- Venerupis Irus*, *Lamk. Hist.* edit. 2. vi. 163; *Flem. B. A.* 451; *Philippi, Sicil.* i. 21, ii. 20; *Desh. Exped. Algérie, Moll.* t. 66. f. 14, 17, anim.; *Forbes & Hanley, Brit. Moll.* i. 156. t. 7. f. 1, 2, 3, t. G. f. 2 (animal).
- Pullastra Irus*, *Brown, Ill. C.* ed. 2. 89. t. 37. f. 9.
- Venus Irus*, “*Leach*,” *Brown, Ill. Conch.* t. 20. f. 9.

V. cancellata, *Olivi*.

V. Boltari, *Renieri*.

Capsa Irus, *Leach*, *MSS.* 1818; *Ann. & Mag. N. H.* xx. 1847, 272.

Tellina Cornubiensis, *Penn. B. Z.* ed. 4. iv. 75. no. 35, from *Borlase*, *Cornw.* t. 28. f. 23.

a—q. Britain.

r. Teignmouth. Presented by J. B. Harvey, Esq.

Order II. CLADOPODA.

Cladopoda, *Gray*, *Synops. Brit. Mus.* 1840; 1842, 76, 91; *Proc. Zool. Soc.* 1848, 187.

Cladopoda, Pachypoda and Phyllopoda (part.), *Gray*, *Med. Repos.* 1821, 237.

Conch. dimyaires crassipèdes, *Lamk. Hist.* v. 426, ed. 2. vi. 12.

Acephales lamellipèdes, part., and A. crassipèdes, part., *Lamk. Cour.* 106, 1812.

Pholadiadæ, *Leach*, 1818; *Ann. & Mag. N. H.* xx. 272.

Hypogidia, *Rafin. Anal. Nat.* 146, 1815.

Pyloridea, *Blainv. Man. Moll.*

Enfermés, *Cuvier, R. A.*; *Féruss. Prod.* 39.

Inclusa, *Menke, Syn.* 119.

Myacea, *Eichw. Zool. Special.* i. 277.

Fam. 1. PHOLADIDÆ.

Pholadidæ, *Gray, Proc. Zool. Soc.* 1848, 187; *Forbes & Hanley, Brit. Moll.* i. 57, 1848.

Hypogæa or Hypogæoderma, *Poli, Test. Sicil.*

Pholadiadæ, part., *Leach, MSS.* 1818; *Ann. & Mag. N. H.* xx. 1847, 272.

Pholadæ, *Gray, Syn. B. M.* 1840; 1842, 76.

Les Pholadaires, part., *Lamk. Cour.* 208, 1812.

Les Pholadaires et Les Tubicolées, part., *Lamk. Hist.* v. 427, 441, ed. 2. vi. 17–39.

Cladopoda, part., *Gray, Med. Repos.* 1821, 237; *Desh. E. M.* iii. 237.

Pholadaria and Teredaria, part., *Rafin. Anal. Nat.* 1815, 146.

Pholadea and Tubicola, part., *Menke, Syn.* 121; *Alton, Verz. Conch.* 12.

Tubicolés, § 2, *Rang, Man. Moll.* 343.

Pholades, *Féruss. Tab. Syst.*

Pyloridés, part., *Blainv. Man. Moll.*

Pholadina, *Macgilliv. Moll. Aberd.* 221.

Teredinadæ, *Flem. B. Anim.* 454, 1828.

Teredinidæ, *Flem. B. A.* 409, 1828.

Teredinina, *Agassiz*, *Nom.* 1847.

Teredinitæ (Teredinites), *Latr. Fam. Nat.* 1825.

Solen, *Tourn. in Gualt. Ind.* 1742, not *Linn.*

Conchæ multivalves, *Adanson*, *Seneg.* 195, 1757.

Conchæ plurivalves, part., *Martini*, *Verzeich.* 1775.

Conchæformia and Scobinata, *Schum. Essai*, 36, 95, 1817.

1. PHOLAS.

Pholas (costatus), *Lamk. Syst. A. s. V.* 1801; *Gray, P. Z. S.* 1848, 187.

Pholas, sp., *Adanson*, *Seneg.* 1757; *Linn.*; *Montague, T. B.*; *Forbes & Hanley, Brit. Moll.* i. 94.

Barnia (candida), *Leach, MSS. B. M.* 1819.

Barnea, "*Leach*," *Risso, Eur. Merid.* iv. 1826.

Hypogæa and *Hypogæoderma*, part., *Poli, Test. Sicil.*

1. PHOLAS PARVA.

Pholas parvus, *Penn. Brit. Zool.* ed. 1. iv. 77. t. 40. f. 13, ed. 4. iv. 65. t. 40. f. 13; *Montag. T. B.* 22. t. 1. f. 7, 8.

Pholas parva, *Linn. Trans.* viii. 33; *Brown, Ill. C.* t. 9. f. 11, 12, ed. 2. 115. t. 48, f. 11, 12, not *Don.*; *Forbes & Hanley, Brit. Moll.* i. 111. t. 4. f. 1, 2. t. 2. f. 2, var. short, t. F. f. 3, 3 a; *Turton, C. Dict.* 143; *Bivalves*, 9; *Brit. Faun.* 145. no. 171; *Flem. B. A.* 457; *Thorpe, Mar. Conch.* 32. f. 71; *Wood, Gen. Conch.* 82; *Cat.* t. 2, *Pholas*, f. 6; *Dillw. R. S.* i. 38; *Leach, Ann. & Mag. N. H.* xx. 272.

Ph. dactyloides, *Lam. Hist.* ed. 2. vi. 45 (not note).

Pholas crenulatus, *Spengler, Skrivt. Naturh. Selsk.* ii. 92 (1792).

Pholas ligamentina, *Desh. Elem. Conch.* t. 3. f. 11, 12.

Pholas tuberculata, *Turton, Dithyr. Brit.* 5. t. 1. f. 7-8; *Flem. B. A.* 457; *Brown, Ill. Conch.* 115. t. 49. f. 12, 13; *Thorpe, Brit. M. C.* 30; *Wood, Cat. Supp.* f. 2.

? *Ph. callosa*, *Lamk. Hist.* vi. 46.

VAR. Short.—*Forbes & Hanley, Brit. Moll.* i. t. 2. f. 2.

a—g. Britain.

h—m. Ditto.

n—p. Devonshire. Presented by Mrs. Robinson.

2. PHOLAS CANDIDA.

Pholas candidus, *Linn. S. N.*; *Chemn. Conch.* viii. t. 101. f. 861, 862; *Mont. T. B.* 24; *Penn. B. Zool.* ed. 1. iv. 76, ed. 4. 64. t. 39. f. 11; *Da Costa, B. Conch.* 246; *Donov. B. S.* t. 132; *Brown, Ill. Conch. G. B.* t. 9. f. 6-16; *Lovèn, I. M.* 49, 340; *Wood, G. Conch.* 79. t. 14. f. 3, 4; *Cat.* t. 2. f. 3; *Philippi, Moll. Sicil.* i. 3, ii. 4; *Dillw. Rec. Shells*, i. 36; *Linn. Trans.*

- viii. 31; *Turton, Dict.* 144. f. 79; *Biv.* 10; *Brit. Faun.* 145. no. 173; *Flem. B. Anim.* 457; *Macgilliv. Moll. Aberd.* 306; *Thorpe, B. M. Conch.* 115. t. 48. f. 6-10; *Burrows, Elem. Conch.* t. 3. f. 4; *Mawe, Introd. Conch.* t. 3. f. 2; *Crouch, Intr. Conch.* t. 2. f. 11; *Desh. Exp. Alger.* 109. t. 9. f. 4, 5.
- Ph. candida*, *Pultn. Dorset.* 26; *Lamk. Hist.* 2nd ed. vi. 44; *Forbes & Hanley, Brit. Moll.* i. 117. t. 4. f. 1, 2.
- Ph. papyracea*, "*Solander*," *Spengler, Skrivt. Naturh. Selsk.* ii. 98. t. 1. f. 4, not *his diagnosis*, and not *Turton*.
- Ph. dactyloides*, *Chiaje*, t. 65. f. 4, not *Lamk.*; *Poli, Sicil.* t. 7. f. 12, 13.
- Lister, Conch.* t. 435. f. 278.
- a—f.* Devonshire. Presented by Mrs. Robinson.
- g (in situ).* Britain. Ditto.
- h*, jun. Near Edinburgh. Presented by Miss Greville.
- i—l (in situ and separate).* Felixtow. Presented by Professor Henslow.

2. DACTYLINA.

- Dactylina (dactylus)*, *Gray, P. Z. S.* 1848, 187.
- Pholas*, sp., *Linn. S. N.*; *Lamk. Hist. A. s. V.* 1818; *Leach*, 1818.
- Hypogæa* and *Hypogæoderma*, part., *Poli, Test. Sicil.*
- Thovana (oblongata)*, *Leach, MSS. Brit. Mus.* 1818.

1. DACTYLINA DACTYLUS.

- Pholas dactylus*, *Linn. S. N.* 1110; *Mont. T. B.* 20, 558; *Donov. B. S.* iv. t. 118; *Linn. Trans.* viii. 30; *Turton, Conch. Dict.* 143; *Bivalves*, 8; *Brit. Faun.* 145. no. 170; *Brown, Ill. C. G. B.* t. 8. f. 1, 2, 3; *Lovèn, I. M.* 50. 341; *Penn. B. Z.* ed. 1. iv. 76, ed. 4. 64. t. 39. f. 10 = *Lister, Conch.* t. 433. f. 276; *Flem. B. A.* 457; *Thorpe, Brit. M. Conch.* 31; *Born. Mus.* 14. t. 1. f. 7; *Chemn. C. C.* viii. 353. t. 101. f. 859; *Spengl. Skrivt. Naturh. Selsk.* ii. 85; *Wood, Gen. Conch.* 77. t. 13; *Index Test.* t. 2. f. 1; *Sow. Gen.* f. 1; *Conch. Man.* f. 55; *Reeve, Conch. Syst.* f. 24; *Dillw. R. S.* i. 35; *Lamk. A. s. Vert.* ed. 2. 43; *Mawe, Conch.* t. 3. f. 3; *Phil. Moll. Sicil.* i. 3, ii. 4; *Desh. Exp. Alger. Moll.* 107. t. 9. f. C, E, G, f. 1, 2, 3; *Chenu, Trait. Elem.* 38. f. 111; *Leach, Ann. & Mag. N. H.* xx. 272; *Forbes & Hanley, Brit. Moll.* i. 108. t. 3. f. 1, 2, large, f. 3, var.
- Pholas muricatus*, *Da Costa*, 244. t. 16. f. 2.
- Pholas hians*, *Pultney, Dorset*, 26.
- Hypogæa verrucosa*, *Hypogæoderma dactylus*, *Poli, Test. Sicil.* 251, 257. t. 1. f. 1, 5.
- Pholas callosa*, *Edwards, in Cuvier, Règ. Anim. ed. Croch.* t. 113. f. 1; ? *Lamk.* vi. 46; ? *Brown, Ill. Conch.* t. 8. f. 5, 8.

VAR. Narrowed in front.—*Forbes & Hanley, l. c. t. 3. f. 3.*

a—d. Britain.

e—i. Ditto.

j, k. Ditto, *in situ*. Presented by Mrs. Robinson.

l—p (*var. narrowed in front*). Britain.

q (*old*). Devonshire. Presented by Mrs. Robinson.

3. PHOLADIDEA.

Pholadidea, "*Leach*," in *Blainv. Dict. Sci. Nat.* xxxix. 532;

Goodall, in Turton, Conch. Dict.; Desh. Elem. Conch. 75;

Forbes & Hanley, Brit. Moll. 123, 1848.

Pholidea, *Swainson, Elem. Conch.* 1835.

Pholidæa, "*Leach*," *Swainson, Malac.* 1840.

1. PHOLADIDEA PAPYRACEA.

Pholas papyracea (*Solander*), *Turton, Biv.* 2. t. 1. f. 1, 2, 3, 4;

Brown, Ill. Conch. t. 8. f. 4, 6, 7, 9; *Thorpe, B. Mar. Conch.*

29; *Sow. Gen.* f. 3; *Conch. Man.* f. 56; *Reeve, Conch. Syst.*

t. 24. f. 3; *Mawe, Conch.* t. 3. f. 5; *Wood, Cat. Supp.* t. 1.

f. 1.

Pholadidea Loscombiana, *Goodall, in Turt. Conch. Dict.* 147.

Pholas (Pholadidoidea) striata, *Blainv. Man. Malac.* 578. t. 81.

f. 7.

Pholadidea Goodallii, *Blainv. D. S. N.* xxxvii. 532.

Pholas striata, *Griffith, A. K.* t. 8. f. 4.

Pholadidea papyracea, *Forbes & Hanley, Brit. Moll.* i. 123. t. 5.

f. 3, 4, 5, 6; t. 2. f. 1; t. F. f. 4, animal.

YOUNG. Open in front, and without hinder appendages.

Pholas lamellata, *Turton, Biv.* 5. t. 1. f. 5, 6; *Flem. B. A.* 456;

Brown, Ill. Conch. 114. t. 49. f. 10, 11; *Wood, Cat. Supp.* t. 1.

f. 3.

VAR. Small.—*Forbes & Hanley, Brit. Moll.* t. 2. f. 1.

a. } Group *in situ*. Britain. Presented by Mrs. Robinson.

b. }

c, d. Exmouth.

e—h. Britain. Presented by Mrs. Robinson.

i, j. Teignmouth. Presented by J. B. Harvey, Esq.

2. PHOLADIDEA SULCATA.

Pholas sulcata, *Brown, Ill. Conch. G. B.* t. 9. f. 17, 18; *Forbes*

& Hanley, Brit. Moll. i. 128, note.

Pholas vibonensis, *Philippi, Moll. Sicil.* ii. 4. t. 13. f. 5.

Inhab. Dunbar.

4. ZIRFÆA.

Zirfæa (crispata), *Leach, MSS. Brit. Mus.*; *Gray, Syn. B. M.* 1840; ed. 1842, 76, 91; *P. Z. S.* 1848, 188.
Pholas, sp., *Lamk.*; *Leach*, 1818.

1. ZIRFÆA CRISPATA.

Pholas crispata, *Linn. S. N.* 1111; *Don. B. S.* ii. t. 62; *Linn. Trans.* viii. 32; *Turt. Dict.* 146; *Biv.* 6; *Brit. Faun.* 145. no. 172; *Flem. B. A.* 456; *Brown, Ill. Conch.* 114. t. 9. f. 1-5; *Dillw. R. S.* i. 40; *Macgill. Moll. Aberd.* 306; *Thorpe, B. M. Conch.* 29; *Wood, Gen. Conch.* 81. t. 15. f. 2, 5; *Cat.* t. 2. f. 5; *Spengler, Skrivt. Selsk.* ii. 96; *Lamk. Hist.* ii. 46; *Dekay, Moll. N. Y.* 247. t. 32. f. 506; *Lovèn, I. M.* 50. 342; *Forbes, M. G. Surv.* i. 407. n. 3; *Forbes & Hanley, Brit. Moll.* i. 114. t. 4. f. 3, 4, 5.

Ph. crispatus, *Mont. T. B.* 23; *Chemn. Conch.* viii. 369. t. 102. f. 872-874; *Penn. B. Z.* ed. 4. iv. 65. t. 40. f. 12.

Ph. bifrons, *Da Costa*, 242. t. 16. f. 4.

Solen crispus, *Gmel. S. N.* 3228.

VAR. Small.

Pholas parvus, *Da Costa, Conch.* 247; *Don. B. S.* i. t. 69.

Lister, Conch. t. 436. f. 279; *Ency. Meth.* t. 169. f. 5.

a, b. Scotland. Presented by the Duke of Gordon.

c-j. Britain.

k-m. Ramsgate and Scarborough. Presented by Mrs. Robinson.

n-s. Scarborough.

t, u, jun. Britain.

5. XYLOPHAGA.

Xylophaga, *Turton, Brit. Bivalves*, 16. 253; *Flem. B. A.* 409, 455, 1828; *Latr. Fam. Nat.*; *Sow. Gen.* fig.; *Forbes & Hanley, Brit. Moll.* i. 89; *Lovèn, Ind. Moll. Scand.* 50.

Xilophaga, *Herrmannsen, Ind.* 713.

Pholas, sp., *Desh. in Lamk. H. A. s. V.*

1. XYLOPHAGA DORSALIS.

Teredo dorsalis, *Turt. Conch. Dict.* 185; *Bivalves*, 16. t. 2. f. 4, 5.

Xylophaga dorsalis, *Turt. Biv.* 253. t. 2. f. 4, 5; *Sow. Gen.* f.; *Lovèn, I. M.* 50, 343; *Thompson, Ann. & Mag. N. H.* xx. 159; *Sow. Man. Conch.* f. 50, 51; *Forbes & Hanley, Brit. Moll.* i. 90. t. 11. f. 3, 4.

Pholas xylophaga, *Desh. Lam. H.* ed. 2. vi. 47.

Xylophage dorsale, *Chenu, Trait. Elem.* 40. f. 122, 123.

a (group *in situ*, in wood). Dock gates, Ardrossan, Ayrshire.
 Presented by W. Thompson, Esq.

b (group *in situ*, in wood). Ayrshire.

c (ditto). Britain.

d—i (separate shells). Britain.

j, k (in wood). Britain. Presented by Mrs. Robinson.

l—n (in wood and separate). Britain.

o (in wood). Cowes. Presented by Lady Fellowes.

6. TEREDO.

Teredo, Leach, MSS. 1819; Gray, P. Z. S. 1848, 188.

Teredo, part., Sellius, Comm. Liter. Nor. 409, 1732; Hist. Nat.

Tered. 1733; Adanson, Seneg. 263, 1757; Linn. S. N. i. 1267;

Brug. E. M. i. 12, 1789; Lamk. Syst. 129, 1801; Forbes &

Hanley, Brit. Moll. i. 58; Spengler, Skrivt. Nat. Selsk. ii. 99;

Pallas, Misc. Zool. 1766.

Solen part., Rumph. Amb. Rar. 123, 1705 (tube of shell).

Teredo a, Blainv. Dict. Sci. Nat. 411. 267, 1828.

Xylophagus, Gronov. Zooph. 258, 1781.

Teredarius, Dumeril, Zool. Anal. 343, 1806.

Uperotus part., Guett. Mem. ii. 128, 1774.

Hyperotus part., Herrmannsen, Ind. 671.

Dentalium, sp., Linn.

Siphonium, sp., Browne, Jam.

Malleolus, Gray, P. Z. S. 1848, 188.

* *Tube semiconcamerated above.*

1. TEREDO NORVAGICUS.

Teredo Norvagicus, Spengler, Skrivt. af Naturh. Selsk. 1792, ii.

102. t. 2. f. 4, 5, 6, 13; Forbes & Hanley, Brit. Moll. i. 67. t. 1.

f. 1–5.

Teredo navalis, Montag. T. B. 527; Supp. 7; Turton, Conch.

Dict. 183; Bivalves, 14. t. 2. f. 13; Fleming, Brit. Anim. 454;

Gray, Phil. Mag. & Ann. 1827, 410; Brown, Ill. C. 16.

Teredo Bruguieri, Chiaje, Mem. iv. 28, 32. t. 54. f. 9, 12; Phi-

lippi, Moll. Sicil. i. 2, ii. 3.

T. Norvegica, Thompson, Ann. & Mag. N. H. xx. 157, 163;

Adanson, Acad. Sci. Par. t. 9. f. 1–8, cop. E. M. t. 187. f. 1–3,

t. 167. f. 4, 5.

a—h. Portions of tubes. Plymouth Dock.

i (*in situ*, in drift wood). Falmouth Harbour. Presented
by W. P. Cocks, Esq.

** *Tube simple behind.*

2. TEREDO NAVALIS.

Pfahl Wurms, Beschreib. Holland. 1733, t. 3. f. 19, 20.

Vers de Mer, Rousset, Observ. 1516, 17. f. 1, 2, 3, 4, 10; Translat.

1733, 13, 14. f. 1, 2, 3, 4, 10.

Zee Wurm, *Belkmeer*, *Natur. Verh.* t. 2. f. 7, 8, 9.

Teredo, *Sellius*, *Hist. Nat.* t. 2. f. 2, 3, 6.

Teredo Navalis, *Linn. Syst. Nat.* i. 1267 (not Montag.); *Home*, *Phil. Trans.* 1806, t. 12. f. 7, 8, 9, 10; *Chiaje*, *Mem.* iv. 23, 32. t. 54. f. 2-8; *Philippi*, *Moll. Sicil.* i. 2, ii. 3; *Forbes & Hanley*, *Brit. Moll.* i. 74. t. 1. f. 7, 8, t. 18. f. 3, 4.

Teredo Batava, *Spengler*, *Skript. Natur. Selsk.* 1792. ii. 103. t. 2. f. c.

a—c? (tube only). S. Devon.

3. TEREDO NANA.

Teredo nana, *Turton*, *Biv.* 26. t. 2. f. 6, 7, and *Append.*; *Flem. Brit. Anim.* 455; *Thorpe*, *Brit. Mar. Conch.* 29; *Brown*, *Ill. Conch. G. B.* 116. t. 50. f. 14, 15; *Gray*, *Phil. Mag.* 1827, 410; *Hanley*, *Rec. Shells*, 4; *Supp.* t. 11. f. 23, 24 (*Turton*).

Teredo navalis, *M. Edwards in Cuvier*, *Règ. Anim.* t. 114. f. 2.

Teredo megotara, *Forbes & Hanley*, *Brit. Moll.* i. 77. t. 1. f. 6, t. 18. f. 1, 2.

Inhab. Torbay, *Turton*. Herne Bay, *Hanley*, &c. &c.

4. TEREDO MALLEOLUS.

Teredo malleolus, *Turt. Biv.* 255. t. 2. f. 19; *Thomps. Ann. N. H.* xx. 163, 174; *Gray*, *Phil. Mag.* 1827, 410; *Forbes & Hanley*, *Brit. Moll.* i. 84. t. 1. f. 12, 13, 14.

Inhab. Torbay. Nat.? from timber.

In bottom of vessel from tropics, *W. Thompson*, *Ann. N. H.* xx. 163.

7. XYLOTRYA.

Xylotrya, *Leach*, in *Menke Syn.* ed. 2. 121, 1830; *Gray*, *Syn. B. M.* 1842, 76, 91.

Bankia, *Gray*, *Syn. B. M.* 1840.

Xylophaga, part., *Sow. Man.* 115. ed. 2. 291.

Teredo a, *Schum. N. Syst.* 1817.

Teredo β, *Blainv. D. S. N.* 411. 268, 1828.

Teredo (bipalmulata), part., *Lamk. Syst. A. s. V.* 1801.

1. XYLOTRYA PALMULATA.

Taret de Pondicherry, *Adanson*, *Acad. Roy. Sci.* 1759, 276. t. 9. f. 11, 12, cop. *E. M.* t.

Teredo palmulatus, *Lamk. Hist.* ed. 2. vi. 38; *Gray*, *Phil. Mag.* 1827, 410; *Philippi*, *Moll. Sicil.* i. 2. t. 1. f. 8, ii. 3?

Teredo palmulata, *Forbes & Hanley*, *Brit. Moll.* i. 86. t. 11. f. 9, 10, 11.

T. bipalmulata, *Lamk. Syst. A. s. V.* 129; *Chiaje*, *Mem.* iv. 28. t. 54. f. 18, 20, 23, 24; *Thompson*, *Ann. Nat. Hist.* 1847;

Hanley, Rec. Shells, t. 11. f. 13, cop. from *Blainv.*; *Griffith, A. K.* xii. t. 7. f. 5.

Taret bipalmulé, *Blainv. Man. Malac.* t. 80*. f. 8, from *Adanson*.

a—f. Ireland. Presented by W. Thompson, Esq.

g, mass of wood, perforated. Ditto. Ditto.

Fam. 2. GASTROCHÆNIDÆ.

Gastrochænidæ, *Gray, Syn. B. M.* 1840; 1842, 77; *Proc. Zool. Soc.* 1848, 188; *Agass. Nomencl.*

Gastrochænidæ, part., *Forbes & Hanley, Brit. Moll.* i. 129.

Cladopoda, part., *Gray, Med. Repos.* 1821, 236.

Pholades, part., *Féruss. Prod.* 45.

Teredaria, part., *Rafin. Anal. Nat.* 1815.

Les Pholadaires, part., *Lamk. Cour.* 108, 1812.

Les Tubicolées, part., *Lamk. Hist.* v. 427, ed. 2. vi. 17; *Féruss. Prod.* 45.

Tubicola, part., *Menke, Syn.* 122; *Alton, Verz. Conch.* 12.

Pholadea, part., *Menke, Syn.* 121; *Férussac.*

Enfermés, *Cuvier, R. A.*

Tubicolés, § 1, *Rang, Man. Moll.* 336.

Adesmacés, *Blainv. Dict. Sc. Nat.* 1824.

Pholadæ, part., *Flem. B. A.*; *Agassiz, Nomencl.*

Pholadiadæ, part., *Leach*, 1818; *Ann. & Mag. N. H.* xx. 272.

Clavagellidæ, *D'Orb. Pal. Franç. Cretac.* iii. 1845.

1. GASTROCHÆNA.

Gastrochæna, *Spengler, Nye Saml. K. Dansk. Vid. Selsk.* ii. 174, 1783; *Lamk. Hist.* v. 446, 1818, ed. 2. vi. 48; *Sow. Gen. f.*; *Man.* ed. 2. 152; *Blainv. Man.* 574; *Desh. Rev. Zool.* 1846, 28; *Leach, MSS.* 1818; *Ann. & Mag. N. H.* xx. 272; *Forbes & Hanley, Brit. Moll.* i. 130.

Gastrochœna, *Brown, Conch. Text-Book*, 1833.

Gastrochœna, *Swainson, Malac.* 1840.

Chœna β, *Retz. Diss. N. Hist.* 18, 1788; *Spengler, Naturh. Selsk. Skrivt.* iii. 16, 1793; *Oken, Zool.* 1815; *Schum. Essai*, 94, 1817.

Fistularia, sp., *Brug. Encyc. Meth.* i. 12, 1789 (not *Fabricius*); *Lamk. Syst.* 129, 1801; *Hist.* v. 432, 1818, ed. 2. vi. 25.

Fistularia, part., *Desh. Encyc. Meth.* iii. 165; *Blainville, Man.*

Uperotus, part., *Guettard, Mem.* iii. 128.

Hyperotus, part., *Herrmann. Ind.* 671.

Mya, sp., *Pennant, Brit. Zool.*

Roxellaria, *Fleur. de Bellev. Journ. Phys.* 1802, liv.

Rupellaria, *Agassiz, Nomencl.* (not *Fleur. de Bellev.*).

Trapezium β, *Muhlfeldt, Etwurf.* 68, 1811.

Trapezium, *Blainv. Dict. Sci. Nat.* x. t. , 1818 (not *Humph.* nor *Schum.*).

Pholas, sp., *Chemnitz, Conch. Cab.*

? Quoyie, *Desh. Encyc. Meth.* ii. 247, 1830.

1. GASTROCHÆNA DUBIA.

Mya dubia, *Penn.* 1st ed. iv. 82. t. 44. f. 19; 4th ed. iv. 69. t. 44; *Don. B. S.* t. 108; *Wood, Conch.* i. 102. t. 25. f. 2, 3; *Linn. Trans.* viii. 33; *Turton, Dict.* 104; *Brit. Faun.* 146. no. 181.

Pholas faba, *Pulteney, Cat. Dors.* 27.

Chama parva, *Da Costa*, 234.

Mya Pholadia, *Mont. T. B.* 28; *Supp.* 20; *Thorpe, M. C.* 33; *Brown, Ill. C.* t. 9. f. 13, 14.

Mytilus ambiguus, *Dillw. R. S.* i. 304.

Gastrochæna faba, *Leach, MSS.* 1817.

Gastrochæna modiolina, *Lamk. Hist.* ed. 2. vi. 49; *Sow. Gen.* f. 1, 2; *Man. Conch.* f. 52; *Reeve, Conch. Syst.* t. 20. f. 1, 2; *Thorpe, B. Mar. Conch.* 33; *Forbes & Hanley, Brit. Moll.* i. 132. t. 2. f. 5, 8, t. F. f. 5.

Gast. Pholadia, *Turton, Dithyr. Brit.* 18. t. 2. f. 8, 9; *Mag. N. Hist.* xi. 404. f. 52; *Brown, Ill. Conch.* 116. t. 48. f. 13, 14.

Gast. hyans, *Flem. B. A.* 458.

Gast. fulva, *Leach, MSS.* 1818; *Ann. & Mag. N. H.* xx. 272.

Gast. dubia, *Desh. Trait. Elem. Conch.* t. 2. f. 4, 5.

Gast. Poliana, *Philippi, Wieg. Arch.* 1845, 186. t. 7. f. 1.

a—c. Devonshire.

d, e. Britain.

Fam. 3. SOLENIDÆ.

Solenidæ, *Flem. Brit. Anim.* 410, 1828; *Gray, Syn. B. M.* 1840; 1842, 77, 91; *Proc. Zool. Soc.* 1848, 189; *Lea, Proc. Acad.*

N. S. Philad. iii. 163, 1843; *Aguss. Nomencl.* 1847; *Forbes & Hanley, Brit. Moll.* i. 239.

Soleniadæ, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.

Les Solenacées, *Lamk. Phil. Zool.* 1809; *Cour.* 108; *Hist.* v. 448, ed. 2. vi. 50; *Sow. Man.* 99, ed. 2. 261.

Les Solens (Solènes), *Féruss. Prod.* 44.

Solenacea, *Menke, Syn.* 126; *Alton, Verz. Conch.* 12.

Pyloridea, part., *Blainv. Dict. Sc. Nat.* 1824; *Rang, Man. Moll.* 322.

Solenides (Solenidæ), *Latr. Fam. Nat.* 1825.

Soleninæ, *Swains. Malac.* 1840.

*Phyllopoda**, part., *Gray, Med. Repos.* 1821, 237.

Pholadaria, part., *Rafin. Anal. Nat.* 1828.

Solenina, part., *Macgilliv. Moll. Aberd.* 216.

Solenides, *Berth.*; *Thorpe, Brit. Mar. Conch.* 34, 1844.

Solenicurtidæ, *Forbes & Hanley, Brit. Moll. i. 255*; *D'Orbigny. Myadæ, part., Forbes & Hanley, Brit. Moll. i. 176.*
 Myacidæ, part., *D'Orb. Pal. Franç. iii. 1845.*
 Glycimeridæ, *Desh. Elem. 124, 1839.*

1. SOLEN.

Solen, *Arist. Hist. Nat. iv. cap. 4*; *Plin. H. N. x. cap. 8, xi. cap. 52, xxxii. cap. 53.*
 Solen, part., *Linn. S. N. ed. 10. 672, ed. 12. 1113, 1767*; *Brug. E. M. i. 14, 1789*; *Leach, MSS. 1818.*
 Solen (vagina), *Lamk. Syst. A. s. V. 125, 1801*; *Hist. v. 449, ed. 2. vi. 51*; *Oken, Zool. 222, 1815*; *Desmoul. Mém. Linn. Soc. Bord. 1832*; *Forbes & Hanley, Brit. Moll. i. 240.*
 Solenarius, *Dum. Zool. Anal. 168, 1811.*
 Vagina (Ceylonensis), *Megerle, Entw. 44, 1811*; *Desm. Act. Soc. Linn. Bord. 1832*; *Blainv. Dict. Sci. Nat. xlix. 428.*
 Solena, part., *Browne, Jam. 412, 1756.*
 Hypogæa and Hypogæoderma, part., *Poli, Test. Sicil.*

1. SOLEN VAGINA.

Solen vagina, *Penn. B. Z. ed. 4. iv. 70. t. 46. f. 21, ed. 1812. iv. 171. t. 49. f. 1* (not *Linn.?*); *Mont. T. B. 48-56*; *Suppl. 25*; *Brown, Ill. Conch. t. 13. f. 2, ed. 2. 112. t. 47. f. 2*; *Lovén, I. M. 49. 337*; *Turton, Dict. 159*; *Bivalves, 79. t. 6. f. 4*; *Brit. Faun. 148. no. 191*; *Flem. B. A. 458*; *Thorpe, Mar. Conch. 34*; *Wood, Gen. Conch. 119. t. 27. f. 1*; *Cat. t. 3. f. 3*; *Dillw. R. S. i. 57*; *Lamk. Hist. vi. 53*; *Desh. Elem. t. 6. f. 4, 6*; *Exped. Alger. 179. t. 10*; *Philippi, Sicil. i. 4, ii. 4*; *Neu Conch. Solen, t. 1. f. 4*; *Chenu, Ill. Conch. t. 1. f. 1.*
 Solen marginata, *Leach, Ann. & Mag. N. H. xx. 272.*
 Solen marginatus, *Pulten. Dors. 28*; *Don. B. S. iv. t. 110*; *Forbes & Hanley, Brit. Moll. i. 242. t. 14. f. 1, t. I. f. 3.*
 Hypogæa tentaculata and Hypogæoderma vagina, *Poli, i. t. 10. f. 5, 6, ii. 251, 257.*
a—d. Dublin Bay. Presented by T. Warren, Esq.
e—g. Britain.
h, i. New Romney.
j—m. Britain. From Coll. Col. Montagu.
n—q. Ditto.
r—t, jun. Ditto.

2. ENSIS.

Ensis (Ensis), *Schum. N. Syst. 143, 1817*; *Gray, Proc. Zool. Soc. 1848, 189.*
 Ensatella (Ensis), *Swainson, Malac. 365, 1840.*
 Solen, part., *Linn.; Lamk. Hist.; Leach, MSS. 1818.*

1. *ENSIS FALCATA*.

Lister, Conch. t. 409. f. 253.

Solen Ensis, *Linn. S. N.* i. 1113; *Chemn. C. Cab.* vi. t. 47. f. 29, 30; *Penn. B. Z.* ed. 4. iv. 71. t. 45. f. 22, ed. 1812. iv. 172. t. 48. f. 2; *Don. B. S.* t. 50; *Mont. T. B.* 48; *Brown, Ill. C.* t. 13. f. 10, ed. 2. 113. t. 47. f. 10; *Lovèn, I. M.* 49. 336; *Forbes, M. G. S.* i. 407. 5; *Wood, Gen. Conch.* 122. t. 28. f. 1, 2; *Cat.* t. 3. f. 6; *Lamk. Hist.* vi. 55; *Encyc. Meth.* t. 223. f. 2; *Desh. Exp. Alger.* 184. t. 11. f. 1, 4; *Philippi, Sicil.* i. 4, ii. 5; *Sow. Man.* f. 60; *Chenu, Elem.* 41. f. 126. t. 1. f. 1; *Leach, Ann. & Mag. N. H.* xx. 272; *Da Costa, B. Conch.* 237; *Linn. Trans.* viii. 44; *Turton, Dict.* 160. f. 61; *Bivalves*, 82; *Brit. Faun.* 148. no. 190; *Macgilliv. Moll. Aberd.* 282; *Fleming, B. A.* 459; *Thorpe, Mar. Conch.* 35; *Dillw. R. S.* i. 59; *Burrows, Elem.* t. 4. f. 3, 4; *Forbes & Hanley, Brit. Moll.* i. 250. t. 14. f. 2.

Hypogæa falcata and *Hypogæoderma ensis*, *Poli*, ii. 251, 257. i. t. 10. f. 7, 11.

a—c, var. *magna*. Scotland.

d, e. Liverpool.

f—l. British Isles.

2. *ENSIS SILIQUA*.

Lister, Conch. t. 409. f. 255.

Solen siliqua, *Linn. S. N.* i. 1113; *Penn. B. Z.* ed. 4. iv. 70. t. 45. f. 20, ed. 1812. iv. 171. t. 48. f. 1; *Don. B. S.* t. 46; *Chemn. Conch.* f. 29; *Mont. T. B.* 46; *Brown, Ill. C.* t. 13. f. 33, ed. 2. 112. t. 47. f. 33; *Forbes, M. G. S.* i. 407. 4; *Wood, Gen. Conch.* 118. t. 26. f. 1, 2; *Cat.* t. 3. f. 1; *Dillw. R. S.* i. 59; *Lamk. Hist.* vi. 55; *Desh. Elem.* t. 6. f. 1, 2, 3; *Exped. Sci. Alger.* 181; *Philippi, Moll. Sicil.* i. 4, ii. 5; *Da Costa, B. Conch.* 236. t. 17. f. 5; *Linn. Trans.* viii. 43; *Turton, Dict.* 158; *Bivalves*, 80. t. 6. f. 5; *Brit. Faun.* 147. no. 188; *Flem. B. A.* 459; *Macgill. Moll. Aberd.* 282; *Thorpe, Mar. Conch.* 35; *Forbes & Hanley, Brit. Moll.* i. 246. t. 14. f. 3; *animal*, t. I. f. 1.

Solen ligula, *Turt. Biv.* 81. t. 6. f. 6; *Brown, Ill. C.* ed. 2. 112. t. 47. f. 2*.

Hypogæa crinita and *Hypogæoderma siliqua*, *Poli*, ii. 251, 257. t. 10. f. 7, 11, t. 11. f. 12, 13.

Teeth destroyed.

Solen Novacula, *Mont. T. B.* 47; *Linn. Trans.* viii. 44; *Turt. Dict.* 159; *Bivalves*, 80; *Flem. B. A.* 439; *Penn. B. Z.* ed. 1812. iv. 172; *Thorpe, Mar. Conch.* 35; *Wood, Conch.* 119; *Dillw. R. S.* i. 58.

Solen siliqua β , *Leach, Ann. & Mag. N. H.* xx. 272.

a. Ayrshire.

b—d. Scarborough. Presented by Mrs. Robinson.

3. ENSIS PELLUCIDUS.

Solen pellucidus, *Penn. B. Z.* ed. 4. iv. 71. t. 46. f. 23, ed. 1812. iv. 173. t. 49. f. 2 (not *Spengler*); *Mont. T. B.* 49, 565; *Thorpe, M. C.* 35. f. 106; *Brown, Ill. Conch.* 113. t. 47. f. 4; *Lovén, I. M.* 49, 339; *Wood, Conch.* 123. t. 28. f. 3; *Cat.* t. 3, *Solen*, f. 7; *Dillw. R. S.* i. 60; *Leach, Ann. & Mag. N. H.* xx. 272; *Don. B. S.* ii. t. 153; *Linn. Trans.* viii. 44; *Turton, Dict.* 160; *Bivalves*, 83; *Brit. Faun.* 148. no. 192; *Fleming, B. A.* 459; *Macgilliv. Moll. Aberd.* 283; *Forbes & Hanley, Brit. Moll.* i. 252. t. 13. f. 3; animal, t. I. f. 2.

Sol. pygmeus, *Lamk. H.* ed. 2. vi. 56.

? *Sol. tenuis*, *Philippi, Sicil.* i. 6. t. 1. f. 2.

Inhab. Dorsetshire and Devonshire coasts, &c., &c.

3. PHARUS.

Pharus (legumen), *Leach, MSS.* 1818; *Ann. & Mag. N. H.* xx. 1847, 272; *Gray, Ann. & Mag. N. H.* 1848; *Gray, Syn. B. M.* 1840; 1842, 77, 91; *P. Z. S.* 1848, 189 (not *R. Brown*).

Ceratisolen (legumen), *Forbes, Brit. Moll.* i. 255, 1848.

Cyrtosolen (legumen, part.), *Herrmannsen, Ind.* 468.

Solecurtus, § C. (legumen), *Blainv. Malac.*

Solecurtoides (legumen), *Desmoul. Act. Soc. Linn. Bord.* 1832.

Solen, part., *Linn.*; *Lamk. Hist. A. s. V.*

Psammobia, part., *Turton, Bivalves.*

Hypogæa, part., *Poli, Test. Sicil.*

1. PHARUS LEGUMEN.

Lister, Conch. t. 420. f. 264.

Solen legumen, *Linn. S. N.* i. 1114; *Chemn.* vi. 49. t. 3. f. 32, 33, 34; *Born, Mus. Cæs.* t. 2. f. 1, 2; *Lamk. H.* vi. 57; *Ency. Meth.* t. 226. f. 3; *Penn. B. Z.* ed. 4. iv. 71. t. 46. f. 24; *Don. B. S.* ii. t. 53; *Mont. T. B.* 50; *Linn. Trans.* viii. 45; *Philippi Sicil.* i. 4, ii. 5; *Brown, Ill. Conch.* t. 13. f. 8, 9; *Desh. Elem.* t. 6. f. 8-10; *Chenu, Illust.* t. 2. f. 1; *Elem.* 42. f. 132; *Da Costa, B. Conch.* 238; *Turton, Dict.* 162; *Brit. Faun.* 148. no. 193; *Flem. B. A.* 459; *Thorpe, Mar. Conch.* 36; *Wood, Conch.* 124. t. 23. f. 4; *Cat.* t. 3. f. 6; *Dillw. R. S.* i. 60.

Psammobia legumen, *Turt. Biv.* 90.

Solenocurtus legumen, *Blainv.*; *Brown, Ill. C.* ed. 2. 113. t. 47, f. 8, 9, 9*.

Pharus legumen, "*Leach MSS.*," *Brown*; *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272.

Hypogæa hirundo=*Hypogæoderma legumen*, *Poli*, ii. 251-257. i. t. 11. f. 15.

Ceratisolen legumen, *Forbes & Hanley, Brit. Moll.* i. 256. t. 13. f. 2; animal, t. I. f. 4.

a—i. Tenby.

j—*o*. Dublin Bay. Presented by T. Warren, Esq.
p, *q*. Liverpool.

4. MACHA.

Macha (strigilatus), *Oken*, *Lehrb. Naturg.* iii. 1815; *Gray*, *P. Z. S.* 1848, 189.

Siliquaria, part., *Schum. Essai*, 129, 1817.

Solecurtus (strigilatus, part.), *Desh. in Lamk. Hist.* vi. 61, 1835; *Trait. Elem.* 113.

Solecurtus (strigilatus, part.), *Blainv. Mal.* 568.

Cyrtosolen (strigilatus, part.), *Herrmann. Ind.* 468.

Psammosolen (strigilatus), *Risso, Eur. Mérid.* iv. 375 (misprint for *Psammobia*?), *Bronn, Ital. Tert.* 87, 1831.

Solenocurtus, part., *Sow. Man.* 99, ed. 2. 262.

Solenocurtis, part., *Swainson, Malac.* 366, 1840 (misprint).

Hypogæa, part., *Poli, Test. Sicil.*

Solen, § A. (*Cultellus*), *Blainv. Man.*

Psammobia, part. (*scopulosa*), *Turton, Bivalves*, 182.

1. MACHA STRIGILATA.

Solen strigilatus, *Linn. S. N.* 1115; *Turton, Conch. Dict.* f. 53 only (not description); *Chemn. Conch.* vi. t. 6. f. 41, 42; *Wood, Conch.* 127. t. 30. f. 1; *Cat.* t. 3. f. 12; *Lamk. Hist.* 2nd ed. vi. 60; *Ency. Meth.* t. 224. f. 3; *Philippi, Sicil.* i. 5; *Reeve, Conch. Syst.* i. t. 26. f. 3, 4; *Chenu, Ill. Conch.* t. 4. f. 1, t. 6. f. 1; *Poli, Test. Sicil.* t. 12; *Cuvier, R. A.* ed. *Croch.* t. 111. f. 2.

Solecurte rose, *Chenu, Elem.* 42. f. 135. t. 1. f. 8.

Solecurtus strigilatus, *Philippi, Moll. Sicil.* ii. 5; *Desh. Exp. Alger.* 207.

? *Psammobia strigilata*, *Jeffreys, Ann. & Mag. N. H.* xix. 1847, 314.

Hypogæa variegata = *Hypogæoderma strigilata*, *Poli, Test. Sicil.* ii. 251, 257; t. 12, animal.

Inhab. Guernsey; abundant in sand on coast. W. Poole Mauger, Esq.

2. MACHA CANDIDA.

Soleni strigilati varietas, *Chemn. Conch.* vi. 60. t. 6. f. 43.

Solen candidus, *Renieri, Tavola Alph. Adriat.*; *Thorpe, M. C.* 38; *Hanley, R. Shell.* 14; *Supp.* t. 11. f. 31.

Solen strigilatus, *Turton, Conch. Dict.* 161 (description, not figure) (not *Linn.*).

S. strigilatus β , *Philippi, Moll. Sicil.* i. 5.

Solecurtus candidus, *Philippi, Moll. Sicil.* ii. 5; *Desh. Elem.* 122. t. 6. f. 11, 12 (var. ?); *Exped. Alger.* 208. t. 10. f. 1–5, shell and animal; *Forbes & Hanley, Brit. Moll.* i. 263. t. 15. f. 1, 2.

Psammobia strigilata, *Turton, Biv.* 97. t. 6. f. 13; *Flem. B. A.* 439.

JUNIOR. *Psammobia scopula*, *Turton, Biv.* 98. 259. t. 6. f. 11, 12;
Flem. B. A. 439; *Thorpe, Mar. Conch.* 38.

Solen scopula, *Chenu, Ill. Conch.* t. 6. f. 7.

a—c. Bantry Bay.

5. AZOR.

Azor (antiquatus), *Leach, MSS.* 1818; *Ann. & Mag. N. H.* xx.
 1847, 272; *Brown, Ill. Conch.* ed. 2. 118; *Gray, Ann. & Mag.*
N. H. 1848; *Proc. Zool. Soc.* 1848, 189.

Solecortus, part. (*antiquatus*), *Desh. Elem. Conch.*; *Forbes &*
Hanley, Brit. Moll. i. 259.

Psammobia, part. (*antiquatus*), *Turton, Bivalves*, 91.

Solen, part., *Linn., &c.*

1. AZOR COARCTATUS.

Lister, Conch. t. 421. f. 265.

Solen angustior constrictus, &c., *Chemn. Conch.* vi. 62. t. 6. f. 45.

Solen coarctatus, *Gmel. S. N.* 3224 (1788); *Lamk. A.s.V.* 2nd ed.
 vi. 59. no. 17; *Lovèn, I. M.* 49. 338; *Schroter, Fluss. Conch.*
 t. 9. f. 17; *Brocchi, Conch.* ii. 497. no. 3 (fossil); *Dillw. R. S.*
 i. 64; *Thorpe, Mar. Conch.* 36; *Philippi, Moll. Sic.* i. 6, ii. 5;
Hanley, R. S. 14.

Solen antiquatus, *Pult. Dors.* 28, 1799; *Don. B. S.* iv. t. 114;
Mont. T. B. 52. 565; *Brown, Ill. Conch.* t. 13. f. 6, 7; *Lamk.*
Hist. vi. 59. n. 15; *Linn. Trans.* viii. 46; *Dorset Cat.* 29;
Turton, Dict. 162; *Brit. Faun.* 148. no. 194; *Flem. B. A.* 460;
Wood, Conch. i. 125. t. 29. f. 3; *Cat.* t. 3. f. 10; *Chenu, Illust.*
 t. 6. f. 8.

Sol. Cultellus, *Penn. B. Z.* ed. 4. iv. 72. t. 46. f. 25 (not *Linn.*).

Sol. centralis, *Say* (fide *Jay*).

Psammobia antiquata, *Turt. Biv.* 91.

Chama solen, *Da Costa, Brit. Conch.* 238.

Solecortus antiquatus, *Desh. Elem. Conch.* t. 5. f. 8; *Exp. Sci.*
Alger. 210.

Solecortus coarctatus, *Forbes & Hanley, Brit. Moll.* i. 259. t. 15.
 f. 3; animal, t. I. f. 5.

Solen emarginatus, *Spengler, Skriv. Nat. Sels.* iii. 105.

Azor antiquatus, *Leach, MSS.* 1818; *Ann. & Mag. N. H.* xx.
 1847, 272; *Brown, Ill. Conch.* ed. 2. 118. t. 47. f. 6, 7.

Inhab. Ireland.

6. GLYCIMERIS.

Glycimeris, *Klein, Ostrac.* 170, 1753; *Humph. Mus. Calonne.*

Glycymeris (Glycimeris), *Lamk. Prod.* 1799; *Syst.* 126, 1800 (not
Hist.); *Roissy, Moll.* vi. 422.

Panopæa, *Menard de la Groye, Ann. du Mus.* ix. 1807 (*Myadæ*,
 part.), *Forbes & Hanley, Brit. Moll.* i. 173.

1. GLYCIMERIS NORVEGICA.

Mya Norvegica, *Spengler, Skrivt. Naturh. Selskab.* iii. 46. t. 2. f. 18 (not *Chemn. nor Gmelin*).

Panopæa Norvegica, *Lovén, I. M.* 49. 335; *Sow. Min. Conch.* t. ; *Forbes & Hanley, Brit. Moll.* i. 174. t. 11.

Panopæa arctica, *Desh.*; *Gould, Invert. Mass.* 37. f. 27; *Forbes, M. G. S.* i. 407. 6; *Hanley, Rec. Shells*, 18; *Supp.* 10. f. 43; *Dekay, N. York Moll.* 246; *Thorpe, B. Mar. Conch.* 38.

Glycimeris arctica, *Lamk. H.* ed. 2. vi. 70; *King, Ann. N. H.* xviii. 243.

Panopæa glycimeris, *Bean, Mag. N. Hist.* viii. 263. f. 50, 51.

P. Bivonæ, *Philippi, Sicil.* 8. t. 2. f. 1; *Smith, Wern. Mem.* viii. 107. t. 2. f. 4.

Panopæa Spengleri, *Valenc. Arch. de Mus.* i. 15. t. 5. f. 3 (not exact); *Chenu, Ill. Conch.* t. 4. f. 4.

P. Aldrovandi, *Bean?* (not *Lamk.*)

a. Coast of Northumberland.

Fam. 4. NUCULIDÆ.

Nuculidæ, *D'Orb. Pal. Franç. Ter. Cret.* iii. 1844; *Geinitz, Grund. der Verst.* 444, 1846; *Gray, Proc. Zool. Soc.* 1848, 190.

Les Arcacées, part., *Lamk. Cour.* 106, 1812; *Hist.* vi. 57, ed. 2. v. 502.

Arcacés, *Féruss. Prod.* 42; *Rang, Man. M.* 288.

Nuculina, *Agassiz, Nomenclat.* 1847.

Leptopoda, part., *Gray, Med. Repos.* 1821, 237.

Arcadæ, part., *Gray, Syn. B. M.* 1840; 1842, 81, 91.

Arcacea, part., *Lamk. Phil. Zool.* 318, 1809; *Alton, Verz. Conch.* 12.

Arcina, part., *Macgilliv. Moll. Aberd.* 207.

Polydonta, part., *Blainv. Dict. Sci. Nat.* xxxii. 320, 1824; *Malac.* 534.

Arcadæ, part., *Fleming, Brit. Anim.* 382, 1828; *Swainson, Malac.* 382, 1840; *Forbes & Hanley, Brit. Moll.* ii. 214.

Arcaria, part., *Gravenhorst, Thier.* 33, 1845.

Arcacæ, part., *Menke, Syn.* 60, 1828.

Polybranchiata, part., *Sow. Man.* ed. 2. 233, misprint?

Mactraädæ, part., *Leach*, 1818; *Ann. & Mag. N. H.* xx. 1847, 272.

Mactridæ, part., *Gray, in Sow. Gen.* xvii. tab.

1. NUCULA.

Nucula (nucleus), *Lamk. Prod.* 1799; *Syst. A. s. V.* 115, 1801; *Hist.* vi. 57, ed. 2. vi. 502; *Leach, MSS. Ann. & Mag. N. H.* xx. 272; *Sow. Gen.* ; *Man.* ed. 2. 204; *Conch. Illust.* xiv.-xvi.; *Forbes & Hanley, Brit. Moll.* ii. 214; *Möller, Kroyer, Tidsskr.* iv. 90, 91; *Ind. Moll. Græn.* 16, 1842.

Lembulus (margaritacea), *Sow. Conch. Man.* ed. 2. 170 (not *Leach*).

Glycimeris, part., *Da Costa, Brit. Shells*.

Polydonta (nucleus), *Muhlf. Entw.* 48, 1811 (not *Renieri* nor *Fischer* nor *Blainv.*).

Pectunculus, part., *Schum. Nouv. Ess.*

Arca, sp., *Linn.*

Tellina, sp., and *Donax*, sp., *Gmelin*.

1. NUCULA NUCLEUS.

Arca nucleus, *Linn. S. N.* i. 1143 (part.); *Penn. B. Z.* ed. 4. iv. 84. n. 59 (not fig.); *Don. B. S.* ii. t. 63, side figs.; *Mat. & Rack. Linn. Trans.* viii. 95; *Mont. T. B.* 141; *Wood, Linn. Trans.* vi. t. 18. f. 3, 6; *Turton, Brit. Faun.* 161. no. 287.

Nucula nucleus, *Forbes & Hanley, Brit. Moll.* ii. 215. t. 47. f. 7, 8; t. P. f. 4, animal.

Nucula nucleus, var. β , *Lovèn, I. M.* 34. 256; *Forbes, M. G. S.* i. 416. 65.

Glycimeris argentea, *Da Costa*, 170. t. 15. f. 6, right.

? *Nucula argentea*, *Brown, Ill. C. G. B.* t. 25. f. 14, 15.

Nucula margaritacea, *Lamk. H.* vi. 6, 2nd ed. vi. 506; *Leach, MSS. Ann. & Mag. N. H.* xx. 272; *Brown, Ill. C. G. B.* 85. t. 33. f. 12; *Philippi, Moll. Sic.* i. 64, ii. 45.

? *N. erosa*, *Jeffreys, Conch. Mag.* (not described).

a—d. Scarborough.

e—i. Britain. Presented by Mrs. Robinson.

2. NUCULA TENUIS.

Nucula tenuis, *Turt. Biv.* 177; *Flem. B. An.* 402 (not *Philippi*); *Lovèn, I. M.* 34. 259; *Forbes, M. G. S.* i. 417, 671, 418. f. 3; *Forbes & Hanley, Brit. Moll.* ii. 223. t. 47. f. 6; t. P. f. 5 (animal); *Macgilliv. Moll. Aberd.* 244; *Thorpe, Brit. Mar. Conch.* 105; “*Möller?*” *Lovèn*; *Hanley, Rec. Shells*, i. 171. t. 10, *Arca*, f. 45; *Brown, Ill. Conch. G. B.* 85. t. 33. f. 13; *Gould, Invert. Mass.* 105.

Arca tenuis, *Mont. T. B. Supp.* 56. t. 29. f. 1; *Turt. Conch. Dict.* 11; *Dillw. Rec. Shells*, i. 246; *Ind. Test.* t. 10, *Arca*, f. 45.

Nucula tenera (foss.), *S. Wood, Mag. N. Hist.* 1840, t. 14. f. 2.

a—f. Inverary.

g—i. Britain. Presented by J. Alder, Esq.

j—l. Britain.

3. NUCULA NITIDA.

Nucula nitida, *Sow. Conch. Ill. Nucula*, f. 29. f. 31; *Thorpe, M. Conch.* 248. f. 31; *Hanley, Rec. Shells*, i. 171. t. 19. f. 44; *Lovèn, I. M.* 34. 258; *Forbes & Hanley, Brit. Moll.* ii. 218. t. 47. f. 9.

Arca nucleus, *Mont. T. B.* 14; *Dillw. Rec. Shells*, i. 244 (part.).
a—g. Britain.
h—o. Near Edinburgh. Presented by Miss Greville.

4. *NUCULA RADIATA.*

Arca nucleus, *Pulteney, Hutch. Dors.* 35; *Mat. & Rack. Dors. Cat.* 37; *Turt. Conch. Dict.* t. 8. f. 1, 2.
Nucula nucleus, *Turton, Bivalves*, 176. t. 13. f. 4; *Thorpe, Brit. Mar. Conch.* 105. f. 74; *Macgilliv. Moll. Aberd.* 243.
Nucula nuclea, *Flem. B. An.* 401.
N. margaritacea, *Blainv. Man. Malac.* t. 65. f. 5; *Sow. Conch. Man.* f. 137.
Nucula radiata, *Hanley; Forbes & Hanley, Brit. Moll.* ii. 220. t. 47. f. 4, 5; t. 48. f. 7.
a—d. Britain. Presented by R. M'Andrew, Esq.
e—j. Teignmouth. Presented by J. B. Harvey, Esq.
k—x. Britain.
y—i i, old and young. Britain.

5. *NUCULA DECUSSATA.*

Nucula decussata, *Sow. Conch. Ill. Nucula*, n. 27. f. 18; *Thompson, Ann. & Mag. N. H.* xx. 174; *Hanley, Rec. Shells*, i. *Supp.* t. 20. f. 8; *Forbes & Hanley, Brit. Moll.* ii. 221. t. 47. f. 1–3.
Nucula sulcata, *Bronn, Ital. Tert. geb.* 109; *Philippi, Moll. Sic.* ii. 45; *Wiegmann's Archiv. Nat.* 1845, 192. t. 7. f. 24, 25.
Nucula Polii, *Philippi, Moll. Sic.* i. 63. t. 5. f. 10; *Jeffreys, Ann. Nat. Hist.* xix. 313.
a—f. Scotland.
g? Dublin Bay. Presented by J. G. Jeffreys, Esq.

2. *LEDA.*

Leda (rostrata), *Schumacher, N. Essai*, 172. t. 19. f. 4, 1817; *Möller, in Kroyer's Naturh. Tidsskr.* iv. 91; *Ind. Moll. Græn.* 17, 1842; *Lovèn, Ind. Moll.*
Lembulus (minutus), *Leach, MSS.* 1818; *Ann. & Mag. N. H.* 1847, 272.
Lembulus (rostrata), *Leach, MSS.* 1819, in *Ann. & Mag. N. H.* 1848; in *Risso, Eur. Merid.* iv. 319, 1826.
Nuculana (rostrata), *Licht. Mus. Berl.* 1818.
Dacryomya (lacryma), *Agassiz, Mem. moules Moll.* i. 34; in *Sow. Min. Conch. ed. Germ.* 500, 578, 1839.
Nucula, sp., *Lamk. Hist.*

1. *LEDA MONTAGUI.*

Nucula Montagui, *Gray, Ann. Phil.* 1825, 138.

- Leda Montagui*, Gray; *Forbes & Hanley, Brit. Moll.* ii. 232.
Nucula rostrata, *Turt. B.* 178 (not *Lamk.*); *Flem. B. An.* 402;
Thorpe, Brit. Mar. Conch. 106; *Brown, Ill. C. G. B.* 84. t. 33.
 f. 16; *Hanley, Rec. Shells*, i. 168; *Supp.* t. 20. f. 1.
Arca rostrata, *Mont. T. B. Supp.* 55. t. 27. f. 7 (not *Chemn., Dillw.*,
 nor *Brug.*); *Turt. Conch. Dict.* 11.
Nuc. curvirostra, *Sow. Conch. Ill. Nucula*, f. 5; *Reeve, Conch.*
Syst. t. 85. f. 5.
Nuc. recurva, *Conrad, Journ. Acad. N. S. Philad.* vi. pt. ii. 262.
 t. 11. f. 21; *Hanley, Rec. Shells*, i. 170.
 Hab. Off St. Abb's Head?

2. LEDA CAUDATA.

- Arca caudata*, *Donov. B. S.* iii. t. 78.
Leda caudata, *Lovèn, I. M.* 34. 261; *Forbes & Hanley, Brit. Moll.*
 ii. 226. t. 47. f. 11-13; t. P. f. 2, animal.
Nucula minuta, *Turt. Biv.* 178; *Flem. B. An.* 402; *Macgilliv.*
Moll. Aberd. 245; *Thorpe, Brit. Mar. Conch.* 106; *Brown, Ill.*
C. G. B. 84. t. 33. f. 18; *Hanley, Rec. Shells*, i. 168. t. 10,
Arca, f. 44 (not *Philippi, Moll. Sic.*; scarcely *Gould, Inv.*
Mass.).
 ? *Leda minuta*, *King, Ann. N. H.* xviii. 240; *Forbes, M. G. S.*
 418. 69. f. 11.
Leda minuta and *complanata*, *Möller, Ind. Moll. Græn.* 17?
Arca minuta, *O. Fabr. F. Græn.* 414?; *Dorset Cat.* 36. t. 1. f. 16;
Mont. T. B. 140; *Mat. & Rack. Linn. Trans.* viii. 92; *Turt.*
Conch. Dict. 11. f. 98; *Brit. Faun.* 161. no. 286; *Dillw. Rec.*
Shells, i. 245; *Ind. Test.* t. 10, *Arca*, f. 44.
Arca modiolus, *Walker, Min. Shells*, f. 81, not *Linn.*
Lembulus minutus, *Leach, Ann. & Mag. N. H.* xx. 272.
N. rostrata, *Brown, Ill. C. G. B.* t. 25. f. 16; *Macgilliv. Moll.*
Aberd. 245 (not *Mont.*).
N. tenuisulcata, *Couthouy*, fide *Gould*.
 VAR. α . Ventricose, short.
N. minuta, *O. Fab.*
 VAR. β , compressa.
Leda intermedia, *Örst.*
L. complanata, *Möller*, fide *Lovèn*, 34.
 a—f. Firth of Forth.
 g—k. Inverary.
 l—q. Britain. Presented by R. M'Andrew, Esq.
 r—w. Scotland.
 x, var.? Northumberland. Presented by J. Alder, Esq.
 y—g g. British. Presented by R. M'Andrew, Esq.

3. LEDA PERNULA.

Leda pernula, Lovèn, I. M. 34.

Arca pernula, Müller, Berl. Naturf. iv. (1779), 57.

A. rostrata, Gmelin, S. N. (fide Lovèn); Macgilliv. Moll. Aberd.

Nucula fluviatilis, Sow.

VAR. 2. *Leda pernula* β , Lovèn, I. M. 34.

N. oblonga, Brown, Ill. C. G. B. t. 25. f. 17.

Leda rostrata, Forbes, M. G. S. i. 419. 70.

Inhab. North Sea.

3. YOLDIA.

Yoldia (limatula), Möller, in Kroyer, Naturh. Tidsskr. iv. 91, 1832; Ind. Moll. Græn. 18; Lovèn, Ind. Moll. Skand. 34, 1846.

Nucula, part. (*limatula*), Say; Philippi.

Leda, sp., Forbes; Jeffreys.

Moldia, Gray, in Stokes, Voy. Austral. (misprint).

1. YOLDIA PYGMÆA.

Yoldia pygmea, Lovèn, I. M. 35. 263.

Nucula pygmea, Münster. Goldf. Pet. Germ. t. 125. f. 17 (fossil); Philippi, Moll. Sic. ii. 46 (fossil); S. Wood, Mag. N. Hist. New Ser. iv. 298. t. 14. f. 7 (fossil).

Leda pygmæa, Forbes, M. G. S. i. 419. fig. 2. 411. 71; Forbes & Hanley, Brit. Moll. ii. 230. t. 47. f. 10; t. P. f. 3, animal.

Nucula lenticula, Möller, Moll. Græn. 17.

Leda tenuis, Jeffreys, Ann. & Mag. N. H. xix. 313.

Nucula tenuis, Philippi, Moll. Sic. i. 65. t. 5. f. 9 (fossil).

N. gibbosa, Smith, Wern. Mem. viii. t. 2. f. 10 (fossil).

a—c. Hebrides. Presented by R. M'Andrew, Esq.

d—i. Isle of Skye. Ditto.

j—n. Isle of Skye.

Fam. 5. MYADÆ.

Myadæ, Gray, Syn. B. M. 1840; 1842, 78, 91; Proc. Zool. Soc. 1848, 190.

Myadæ, part., Leach, MSS. 1818, Ann. & Mag. N. H. xx. 1847, 272; Fleming, B. A. 410, 1828; Swains. Malac. 256, 365, 1840; Forbes & Hanley, Brit. Moll. i. 160, 1848.

Les Myaires (*Myaria*), Lamk. Cour. 107, 1812; Hist. v. 459, ed. 2. vi. 70; Féruss. Prod. 44; Latr. Fam. Nat.; Desh. E. M. iii. 589.

Myacæa, Menke, Syn. 72.

Myacea, Menke, Syn. ed. 2. 119; Alton, Verz. Conch. 12.

Myariæ, Berthold.

Pyloridés, part., Blainv. Man.; Rang, Man. Moll. 322.

Myina, part., Macgilliv. Moll. Aberd. 219.

Myacidæ, part., *D'Orb. Pal. Franç.* iii. 1845.

Myidæ, *Recluz, Rev. Zool.* 1849, 396.

Myarina, *Rafin. Anal. Nat.* 1815.

1. MYA.

Mya (truncata), *Retz, N. Gen.* 1788; *Spengler, Skrivt. Naturh. Selsk.* iii. 27, 53; *Lamk. Syst.* 1801; *Hist.* v. 459. ed. 2. vi. 71; *Schum. N. Essai*, 116, 1817; *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272; *Gray, Syn. B. M.* 1840; 1842, 78?; *Forbes & Hanley, Brit. Moll.* i. 162.

Mya, part., *Linn. Westg. Res.* 187, 1747; *Syst. Nat.* ed. 10. 670, ed. 12. 1112 (not *Humph.*); *Gmelin, S. N.* i. 3217.

Mya (arenaria), *Megerle, Entw.* 1811.

Mya β. (arenaria), *Blainv. Man.*

Sphænia (arenaria), part., *Turton, Bivalves.*

Chama glycymeris, *Rondel.*

Peloris, part., *Poli.*

Chama, part., *Lister.*

Chamepholas, *Lister.*

Glycymeris, part., *Klein.*

1. MYA TRUNCATA.

Lister, Ang. t. 5. f. 36; *Conch. t.* 428. f. 269; *Enc. Méth. Vers.* t. 229. f. 2.

Mya truncata, *Linn. S. N.* i. 1112; *Chemn. C. C.* vi. 8. t. 1. f. 1, 2; *Penn. B. Z.* ed. 4. iv. 66. t. 41. f. 14; *Donov. B. S.* iii. t. 92; *Dorset Cat.* 27. t. 3. f. 1; *Dekay, New York Moll.* 240. t. 29. f. 289; *Mont. T. B.* 32; *Linn. Trans.* viii. 35; *Dillw. R. S.* 42; *Pulteney, Hist. of Dorset*, 27; *Brown, Ill. C.* t. 10. f. 2, 2nd ed. 111. t. 45. f. 2; *Hanley, Rec. Shells*, 19. t. 2, *Mya*, f. 2; *Forbes, M. G. S.* i. 407. 7; *Spengler, S. Nat. Selsk.* iii. 28; *O. Fab. Faun. Græn.* 404; *Gould, Invert. Mass.* 42; *Wood, Gen. Conch.* 90. t. 17. f. 1, 2; *Cat. t.* 2. f. 2; *Turton, Dict.* 97; *Bivalves*, 31; *Brit. Faun.* 146. no. 176; *Flem. B. A.* 462; *Thorpe, B. Mar. Conch.* 40; *Burrows, Elem.* t. 4. f. 1, 2; *Crouch, Introd. Conch.* t. 3. f. 6, 7; *Macgilliv. Moll. Aberd.* 298; *Lamk. Hist.* ed. 2. vi. 73; *Sow. Gen. f.* ; *Conch. Man.* f. 71; *Chenu, Elem.* 48. f. 152; *Desh. Elem. Conch.* t. 8. f. 2.

Chama truncata, *Da Costa*, 233. t. 16. f. 1.

VAR. (deep water) *Mya pelagica*, *King, Ann. N. H.* xviii. 242.

YOUNG. *Mya ovalis*, *Turton, Brit. Faun.* 146. no. 180; *Biv.* 33. t. 3. f. 1, 2, from *Turt. spec.* fide *Forbes & Hanley*, 166.

FRY. *Sphænia Swainsonii*, *Turton, Biv.* 37. t. 19. f. 2; *Fleming, B. A.* 466; *Thorpe, Mar. Conch.* 57, from *Turton's specimens* fide *Forbes & Hanley*, 166.

ANIMAL. *Baster. Opusc. Subsec. iii.* 69, 1765; *Recluz, Rev. Zool.* 1849, 397.

a—h. Britain.

i. Ditto. Presented by Mrs. Robinson.

j—k (*Mya ovalis*). Scarborough.

2. MYA ARENARIA.

Mya arenaria, *Linn. S. N.* 1112; *Spengler (Old Maids), Skrivt. Nat. Selsk.* iii. 30; *Chemn. Conch.* vi. 10. t. 1. f. 3, 4; *Linn. Trans.* viii. 35; *Flem. B. Anim.* 463; *Turton, Dict.* 98; *Bivalves*, 32; *Brit. Faun.* 146. no. 177; *Macgill. Moll. Aberd.* 298; *Thorpe, Mar. Conch.* 40; *O. Fab. Fauna Græn.* 405; *Wood, G. Conch.* 91. t. 17. f. 3; *Cat.* t. 2. f. 2; *Dillw. R. S.* i. 42; *Blainv. Man. Malac.* t. 77. f. 1; *Penn. B. Z.* ed. 4. iv. 67. t. 42. f. 16; *Don. B. S.* iii. t. 85; *Mont. T. B.* 30; *Dorset Cat.* 28. t. 4. f. 2; *Dekay, New York Moll.* 240. t. 30. f. 290; *Reeve, Conch. Syst.* t. 33; *Brown, Ill. C.* t. 10. f. 1, 2nd ed. t. 45. f. 1; *Forbes, M. G. S.* i. 408. 8; *Hanley, Rec. Shells*, 19; *Lamk. Hist.* ed. 2. vi. 74; *Mawe, Conch.* t. 4. f. 1; *Sow. Gen. f.* ; *Conrad, Amer. Mar. Conch.* 42. t. 9. f. 1; *Gould, Invert. Mass.* 40; *Chemn. Traité élément.* 48. f. 148, 150 (hinge); *Forbes & Hanley, Brit. Moll.* i. 168. t. 10. f. 4, 5, 6.

Chama arenaria, *Da Costa, B. C.* 232.

Mya acuta, *Say, Journ. Acad. N. S. Phil.* ii. 313.

M. mercenaria, *Say, Journ. Acad. N. S. Phil.* ii. 313.

a—k. Britain.

l. Aberdour, Fifeshire. Presented by Dr. Baird.

m—p. Scarborough.

Fam. 6. ANATINIDÆ.

Anatinidæ, *Gray, Syn. B. M.* 1840; 1842, 77, 91; *Proc. Zool. Soc.* 1848, 190; *D'Orb. Pal. Franç.* 1845; *Geinitz, Grund.* 409, 1846; *Forbes & Hanley, Brit. Moll.* i. 219; *Recluz, Rev. Zool.* 407, 1845, very incorrect.

Anatenidæ, *Conrad, Journ. Acad. N. S. Philad.* 1849, 155.

Les Myaires, part., *Lamk. Cour.* 107, 1812; *Hist.* v. 459, ed. 2. vi. 70; *Féruss. Prod.* 44.

Myacæa, part., *Menke, Syn.* 72, 1828.

Myacea, part., *Menke, Syn.* ed. 2. 119; *Alton, Verz. Conch.* 12.

Pyloridés, part., *Blainv. Man.* ; *Rang, Man. Moll.* 322.

Myina and Mactrina, part., *Macgilliv. Moll. Aberd.* 217, 219.

Myadæ, part., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272; *Flem. B. Anim.* 410, 1828.

Pandoridæ, part., *Forbes & Hanley, Brit. Moll.* i. 213.

Anatina, *Gray, Ann. Phil.* 1825.

- Osteodesma*, *Desh. in Lamk. Hist.* ed. 2. vi.
Corbulacea, part., *Philippi, Moll. Sicil.* i. 16, ii. 12.
Amphidesmitæ, part., *Latr. Fam. Nat.* 221, 1825.
Lithophagidæ, part., *Broderip, Penny Mag.*; *Sow. Man.* 206, 1839.
Saxicavidæ, part., *Swainson, Elem. Conch.* 1835; *Malac.* 375, 1840 (not Gray).
Saxicavina, part., *Agassiz, Nomencl.*
Myina, part., *Milne-Edw. Elem. Zool.* 1843; *Macgillivray, Moll. Aberd.*

1. BONTÆA.

- Cochlodesma* (Leana), *Couthouy, Boston Journ. N. H.* ii. 170, 1839; *Gray, Ann. Nat. Hist.* ii. 25, 1840; *Wieg. Arch.* 1840, 216; *Gould, Rep. Inv. Mass.* 48; *Forbes & Hanley, Brit. Moll.* i. 235.
Bontæa, *Leach, MSS. Brit. Mus.* 1819, in *Brown, Illust. Conch. G. B.* 1844.
Thracia, sp., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272; *Gray, Ann. & Mag. N. H.* 1848; *Lovèn, Ind. Skand.*
Ligula, sp., *Montagu, Test. Brit. Supp.* 1808, not *Humph.* 1797.
Anatina, sp., *Turton, Bivalves*; *Conrad, Journ. Acad. Philad.*
Mya, sp., *Montagu, T. Brit.*
Amphidesma, sp., *Fleming, B. A.*
Spoonhinge or *Chama*, sp., *Petiver. Gazoph.*

1. BONTÆA PRÆTENUIS.

- Mya prætenuis*, *Pulteney, Dorset*, 28; *Dorset Cat.* t. 4. f. 7; *Mont. T. B.* 41. t. 1. f. 2; *Linn. Trans.* viii. 37; *Donov. B. S.* v. t. 176; *Wood, G. Conch.* 94. t. 24. f. 7, 8, 9; *Cat.* t. 2. f. 5; *Turton, Dict.* 101; *Brit. Faun.* 147. no. 185; *Dillw. R. S.* i. 43.
Amphidesma prætenuis, *Flem. B. A.* 432; *Thompson, Rep. Brit. Assoc.* 1843, 263.
Anatina prætenuis, *Férussac, Dict. Class. H. N.*; *Gray, Ann. Phil.* 1825; *Turt. Biv.* 48. t. 4. f. 4; *Macgilliv. Moll. Aberd.* 294; *Thorpe, Mar. Conch.* 43; *Hanley, Rec. Shells*, 23.
Ligula prætenuis, *Mont. Test. Brit. Supp.*; *Brown, Ill. Conch.* 106. t. 42. f. 1; *Recluz, Zool. Soc. Cuvier.* 1845, 416.
Cochlodesma prætenuis, *Couthouy, Boston Journ. N. H.* 1839, ii. 171; *Forbes & Hanley, Brit. Moll.* i. 235. t. 15. f. 4.
Thracia prætenuis, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Lovèn, I. M.* 46. 323.
Bontæa prætenuis, *Leach, MSS.* "Brown."
Anatina Leana, *Conrad, Journ. Acad. N. S. Philad.* vi. 263.
Cochlodesma Leana, *Couthouy, Boston Journ. N. H.* ii. 170.
a. Scarborough.

2. THRACIA.

- Thracia* (*pubescens*), *Leach*, *MSS. B. M.* 1819 (not *Westwood*), in *Blainv. D. S. N.* xxxii. 347, 1824; *Malac.* 564, 1825; *Rang. Man.* 324, 1038, 1829; *Desh. E. M.* iii. 1830, in *Lamk. Hist.* ed. 2. vi. 82, 1835; *Philippi*, *Moll. Sic.* 18. 1836, ii. 16. 1844.
- Thracia*, sp., *Leach*, *MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272; *Forbes & Hanley*, *Brit. Moll.* i. 220.
- Anatina*, sp., *Gray*, *Ann. Philos.* 1825; *Férussac*, *D. Class. Hist. Nat.*
- Thracia* (*corbuloides*), *Blainv. Man. Malac.*
- Odontocineta* (*pubescens*), *Agassiz*, *Nomencl. Index*, 255, 1847.
- Odoncineta*, *Agassiz*, *Nomencl. Mollusca*, 60; *Ind.* 255.
- Cinetodontà*, *Herrmann. Index*, 138, 1847.
- Odoncinetus*, *Costa*, *Catal. Sistem.* 23, 1829 (see *Philippi*, *Moll. Sicil.* 19).
- Osteodesma*, sp., *Blainv. Malac.*
- Tellina*, sp., *Poli, Test. Sicil.*
- Amphidesma*, sp., *Lamk. Hist. A. s. V.* 1812.
- Anatina*, sp., *Lamk. Hist. A. s. V.* 1835; *Turton*, *Bivalves.*
- Ligula*, sp., *Montagu, Test. Brit.* 1808, not *Humph.*

1. THRACIA PHASEOLINA.

- Tellina fragilis*?, *Penn. Brit. Zool.* ed. 4. iv. 73. t. 47. f. 26.
- ? *Mya pretenuis*, *Penn. Brit. Zool.* ed. 1812, iv. 160. no. 4. t. 50. f. 1.
- Tellina papyracea*, *Poli, Sicil.* t. 15. f. 18.
- Mya declivis*, *Turton, Dict.* 98; ? *Brit. Faun.* 147. no. 184; *Wood, Cat.* t. 2. f. 4.
- M. declivis* (junior), *Wood, Gen. Conch.* t. 18. f. 3.
- Amphidesma declivis*, *Flem. B. A.* 432.
- Anatina declivis*, *Turton, Biv.* 47; *Thorpe, Mar. Conch.* 42.
- Thracia declivis*, *Leach*, *MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Thomps. R. Brit. Assoc.* 1843, 263; *Thorpe, M. C.* 24. f. 70.
- Amph. oblonga*, *Philippi, Sic.* 8. t. 1. f. 4.
- Mya pubescens* (junior), *Turton, Biv.* t. 4. f. 3.
- Amphidesma phaseolina*, *Lamk. Hist.* v. 492, ed. 2. vi. 129.
- Thracia phaseolina*, *Kiener, Coq. Viv.* t. 2. f. 4; *Desh. Elem.* t. 9. f. 4, 5; *Couthouy, Bost. Journ. N. H.* ii. 147; *Hanley, Rec. Shells*, 22; *Supp.* t. 10. f. 35; *Philippi, Sicil.* ii. 16; *Forbes & Hanley, Brit. Moll.* i. 221. t. 17. f. 5, 6, & t. H. f. 4 (animal); *Lovén, Ind. Moll. Skand.* 46. 321.
- Odoncineta papyracea*, *Costa, Test. Sicil.* 23. t. 2. f. 1-4, animal.
- Thracia pubescens*, *Macgilliv. Moll. Aberd.* 296; *Brown, Ill. Conch.* 110. t. 44. f. 6.
- a—e. Devonshire.
- f—k. Saltcoats.
- l. Dublin Bay. Presented by T. Warren, Esq.

2. THRACIA VILLOSIUSCULLA.

Anatina villosiuscula, *Macgilliv. Edin. Phil. Journ.* 1827, 370. t. 11. f. 6; *Brown, Ill. C.* t. 44. f. 4.

? *Anatina intermedia*, *Jeffreys, Conch. Mag.* 45 (not described); *Clark, MSS.*

Thracia ovata, *Brown, Ill. Conch.* ed. 2. 110. t. 44. f. 4.

Thracia villosiuscula, *Forbes & Hanley, Brit. Moll.* i. 224. t. 17. f. 4, 7.

a, b. Dublin Bay. Presented by T. Warren, Esq.

c, d. Scotland.

e—h. Devonshire.

i. Scarborough.

3. THRACIA PUBESCENS.

Anatina pubescens, *Turt. Biv.* 45. t. 4. f. 3; *Thorpe, Mar. Conch.* 41.

Amphidesma pubescens, *Flem. B. A.* 431.

Mya pubescens, *Pulteney, Dorset*, 27; *Mont. T. B.* 40; *Supp.* 166 (chiefly); *Turt. Dict.* 99. f. 35.

Mya declivis, *Donov. B. S.* iii. t. 82; *Maton & Racket, Linn. Trans.* viii. 36; *Dorset Cat.* 28. t. 4. f. 6; *Wood, Gen. Conch.* 93. t. 18. f. 3; *Dillw. R. S.* i. 43 (not var.); ? *Penn. Brit. Zool.* iv. 66. no. 15, ed. 1812, 160. no. 3.

Anatina declivis, *Brown, Ill. C.* t. 11. f. 5.

Anatina myalis, *Lamk. Hist.* n. 9, ed. 2. vi. 80; *Deless. Rec. Coq.* t. 3. f. 3; *Thomps. Rep. Brit. Assoc.* 1843, 263.

Thracia pubescens, *Leach*; *Kiener, Coq. Viv.* t. 2. f. 2; *Thorpe, M. C.* xxiv.; *Couthouy, Boston Journ. N. H.* ii. 135; *Desh. Ency. Méth.* ii. 1039; *Exped. Morée, Zool.* 87. t. 18. f. 12; *Hanley, Rec. Shells*, 21; *Forbes & Hanley, Brit. Moll.* i. 226. t. 16. f. 2, 3.

Thracia declivis, *Brown, Ill. Conch.* 109. t. 44. f. 5.

Thracia Beaniana, *Recluz, Rev. Zool.* 1845, 407.

Thracia Montagui, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272.

a—d. Britain.

e. Ditto. Presented by Mrs. Robinson.

f—i. Devonshire.

j. Falmouth. Presented by W. P. Cocks, Esq.

k, l, junior. Scotland.

4. THRACIA CONVEXA.

Anatina convexa, *Turt. Biv.* 45. t. 4. f. 1, 2; *Brown, Ill. C.* t. 11. f. 3; *Thorpe, Mar. Conch.* 41.

Mya convexa, *Wood, Gen. Conch.* 92. t. 18. f. 1; *Cat.* t. 2. f. 3; *Turt. Dict.* 100.

Amphidesma convexum, *Flem. B. A.* 431.

Thracia convexa, *Couthouy*, *Boston Journ. N. H.* ii. 140; *Thorpe*, *M. C.* 24 = *Lovèn*, 46. 320; *Thomp. Rep. Brit. Assoc.* 1843, 263; *Brown, Ill. Conch.* ed. 2. 110. t. 44. f. 3; *Hanley, Rec. Shells*, 22; *Forbes & Hanley, Brit. Moll.* i. 229. t. 16. f. 1, 4.
Ligula distorta, *Mont. Test. Brit. Supp.* 166 (not original species); *Férussac, Dict. Class. H. N.*; *Gray, Ann. Phil.* 1825.

? *Mya declivis*, *Don. B. S. t.* 82.

Thracia declivis, *Macgilliv. Moll. Aberd.* 296; *Forbes, M. G. S.* i. 409. 17.

a—c. Salcombe Bay and Plymouth Sound.

d. Belfast Bay. Presented by R. Hyndman, Esq.

e. Lyme Regis. Presented by Mrs. Corrie.

f. Britain. Presented by Mrs. Robinson.

5. THRACIA DISTORTA.

Mya distorta, *Mont. T. B.* 42. t. 1. f. 1 (not *Supp.*); *Linn. Trans.* viii. 37; *Turton, Dict.* 101; *Brit. Faun.* 147. no. 186; *Wood, Conch.* 98; *Cat. t.* 2. f. 15; *Dillw. R. S.* i. 45; *Penn. Brit. Zool.* ed. 1812, iv. 161. no. 5.

Amphidesma distortum, *Flem. B. A.* 432; *Férussac, Dict. Class. H. N.*

Anatina distorta, *Gray, Ann. Phil.* 1825; *Turt. Biv.* 48. t. 4. f. 5; *Thorpe, Mar. Conch.* 43; *Hanley, Rec. Shells*, 23; *Brown, Ill. Conch.* ed. 1. t. 11. f. 7.

Thracia distorta, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272; *Lovèn, I. M.* 46. 322; *Brown, Ill. Conch.* ed. 2. 110. t. 44. f. 7; *Thomps. Rep. Brit. Assoc.* 1843, 263; *Forbes & Hanley, Brit. Moll.* i. 231. t. 17. f. 1, 2, 3, 8, & t. H. f. 5 (animal).

Anatina ovalis, *Brown, Ill. C. t.* 11. f. 4 (regular).

Anatina rupicola *Lamk. Hist.* ed. 2. vi. 80; *Deless. Rec. Coq.* t. 3. f. 4; *Blainv. Man.* 564.

Osteodesma rupicola, *Blainv. Man.* 661.

Rupicola, *Fleur. de Bellev.*

Thracia Turtoniana, *Recluz, Rev. Zool.* 1845, 414.

a—s. Britain. *Mus. Mont.*?

VAR.

Anatina truncata, *Turt. Biv.* 46. t. 4. f. 6 (var.); *Thorpe, Mar. Conch.* 41; *Hanley, Rec. Shells*, i. 48.

Amphidesma truncatum, *Flem. B. A.* 431.

Thracia truncata, *Brown, Ill. Conch.* ed. 2. 110. t. 42. f. 28.

Thracia distorta, var., *Forbes & Hanley, Brit. Moll.* i. 231.

3. MAGDALA.

Magdala (striata), *Leach, MSS. B. M.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272; *Brown, Ill. Conch. G. B.* 1827.

Lyonsia (striata), *Turton, Brit. Bivalves*, 35, 1822; *Latr. Fam. Nat.* 1825; *Sow. Proc. Z. Soc.* 1834, 88; *Conch. Man.* ed. 2. 65; *Müller, Syn.* 231; *Gray, Ann. & Mag. N. H.* iv.; *Forbes & Hanley, Brit. Moll.* i. 213.

Tetragonoste=*Tetragonostea (striata)*, *Desh. Ency. Méth.* iii. 590, 1830.

Hiatella (striata), *Brown, Ill. Conch. G. B.* 1827, not *Daudin*.

Myatella (striata), *Brown, Ill. Conch. G. B.* ed. 2. 1833, 1844.

Osteodesma (norvegica), *Desh. in Lamk. Hist.* vi. 84, 1838, not *Blainville*; *Couthouy, Boston Journ. N. H.*

Pandorina (coruscans), *Scacchi, Catalog.* 6 (not *Bory St. Vincent*), (see *Philippi, Moll. Sicil.* ii. 15); *Philippi, Wiegmann. Arch.* 1839, i. 122; *Möller, Ind. Moll. Grænl.* 20; *Kroyer, Naturh. Tidsskr.* iv. 93.

Pandora, part., *Philippi, Moll. Sicil.* i. 18, 1838.

Mya, part., *Chemn. Conch. Cab.*; *Montagu, B. S.*; *Fleming, B. A.*

Amphidesma, sp., *Lamk. Hist. A. s. V.*

Anatina, part., *Gray, Ann. Phil.* 1825; *Sow. Gen.* f.

Tellina (coruscans), *Scacchi, Osserv. Zool.* 14, 1833.

Gresslya, *Agassiz, Nomenclat.*

Ceromya, sp., *Agassiz, Nomenclat.*

Mactromya, sp., *Agassiz, Nomenclat.*

1. MAGDALA NORVEGICA.

Mya Norvegica, *Chemn. Conch.* x. 345. t. 170. f. 1647, 1648 (1788); *Turton, Dict.* 100. f. 100; *Flem. B. A.* 466; *Dillw. R. S.* i. 48; *Wood, Conch.* 98. t. 18. f. 4, 5; *Cat.* t. 2 (*Mya*). f. 13; *Thorpe, Mar. Conch.* 40.

Mya nitida, *O. Fab. Skriv. Natur. Selsk.* iv. t. 10. f. 10, 1798.

Mya striata, *Mont. Linn. Trans.* xi. 188. t. 1. f. 13; *Turton, Dict.* 105.

Magdala striata, *Leach (Brit. Mus.* 1817), *MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272; *Brown, Ill. Conch.* iii. t. 44. f. 1, 2, 10.

Amphidesma corbuloides, *Lamk. Hist. A. s. V.* 1st ed. v. 492. no. 12, ed. 2. vi. 129.

Mya pellucida, *Brown, Mem. Wern. Soc.* ii. 505. t. 24. f. 1.

Lyonsia striata, *Turton, Bivalves*, 35. t. 3. f. 6, 7.

Anatina Norvegica, *Gray, Ann. Phil.* 1825; *Sow. Gen.* f. 2; *Reeve, Conch. Syst.* t. 34. f. 2.

Osteodesma corbuloides, *Desh. in Lamk. Hist.* ed. 2. vi. 85; *Elem. Conch.* t. 8. f. 12-14; *Chenu, Elem.* 51. f. 164, 165, 166.

Lyonsia Norvegica, *Sow. Conch. Man.* ed. 2. f. 491, 492; *Macgilliv. Moll. Aberd.* 300; *Lovén, Moll. Suec.* 47. 324; *Thomp. Rep. Brit. Assoc.* 1843, 263; *Forbes & Hanley, Brit. Moll.* i. 214. t. 8. f. 6-9; animal, t. H. f. 3.

- Myatella Montagui*, *Brown, Ill. Conch.* ed. 2. iii. t. 40. f. 26, 27.
Hyatella striata, *Brown, Ill. Conch.* ed. 1. t. 16. f. 26, 27.
Anatina striata, *Jeffreys, Mal. & Conch. Mag.* 45.
Pandora equivalvis (!), *Philippi, Sicil.* 18. t. 1. f. 11.

VAR.

- Tellina coruscans*, *Scacchi, Osserv. Zool.* 14.
Pandorina coruscans, *Scacchi, Cat.* 6; *Ann. Nat. Hist.* iv. 294.
 t. 14. f. 1-4.
Osteodesma coruscans, *Philippi, Moll. Sic.* ii. 15. t. 14. f. 1.
Anatina truncata, *Lamk. A. s. V.* ed. 2. vi. 77 (part.); *Desh. Enc. Méth.* ii. 40 (not *Deless.* nor *Hanley*).
Lyonsia elongata, *Gray, MSS. Brit. Mus.*; *Hanley, Rec. Shells*, 25, *Supp.* t. 13. f. 27.
Lyonsia coruscans, *Desh. Exp. Sc. Alger. Moll.* t. 25 A.
 a, b. England.
 c, d. Britain.
 e. Weymouth.
 f. Dublin Bay. Presented by T. Warren, Esq.

Fam. 7. CORBULIDÆ.

- Corbulidæ*, *Gray, Syn. B. M.* 1840; 1842, 78, 91; *Proc. Zool. Soc.* 1848, 191; *D'Orb. Paléont. Franç.* 1845; *Forbes & Hanley, Brit. Moll.* i. 179, 1848.
Corbulidæ, part., *Broderip, Penny Cyclop.* xiv. 1839.
Corbuladæ, *Fleming, B. Anim.* 409, 1828.
Les Camacées **, *Lamk. Cour.* 106, 1812.
Les Corbulées (Corbulea), part., *Lamk. Hist.* v. 493, ed. 2. vi. 134.
Corbulæa, *Latr. Fam. Nat.* 1825.
Myacea, part., *Alton, Verz. Conch.* 12.
Pylorides, part., *Blainv. Man. Mal.*; *Rang, Man. Moll.* 322.
Lithophages, part., *Féruss. Prod.* 44.
Lithophaga, part., *Menke, Syn.* 118.
Myina, part., *Macgilliv. Moll. Aberd.* 219.
Corbulacea, part., *Philippi, Moll. Sicil.* i. 16. 1836, ii. 12. 1844;
G. Sow. Man. ed. 2. 1842; *Hanley, Ill. Cat.* i. 45, 1844.
Corbulacæa, *Hinds, Zool. Sulph.* 67, 1844.
Myina, part., *Macgilliv. Moll. Aberd.* 221.

1. CORBULA.

- Corbula* (sulcata), *Bruguère, Ency. Méth.* t. 230, 1792; *Lamk. Syst. A. s. V.* 137, 1801; *Ann. Mus.* viii. 465; *Hist. A. s. V.* v. 494, ed. 2. vi. 135; *Philippi, Moll. Sicil.* i. 16, ii. 12; *Hinds, Zool. Sulph.* 67; *Forbes & Hanley, Brit. Moll.* i. 179.
Aloidis (Guinensis), *Muhlf. Entwurf*, 67, 1811.

Agina (purpurea), *Turton, Bivalves*, 1822.

Psammolea (Angina), *Latr. Fam. Nat.* 1825 (misprint).

Lentidium (mediterranea), *Cristof. & Jans. Cat.* 8, 1832, *Man-tissa* 4; *Villa, Dispos. Syst.* 45, 1841.

Mya, sp., *Montagu, T. B.*

Tellina, sp., *Olivi, Zool. Ad.*

Saxicava, sp., *Sow. Man. ed.* 2. 60.

1. CORBULA GIBBA.

Tellina gibba, *Olivi, Zool. Adriat.* 101; *Brocchi, Conch. Subap.* ii. 517 (foss.).

Mya inequalvis, *Mont. T. B.* 38. t. 26. f. 7; *M. & R. Linn. Trans.* viii. 10. t. 1. f. 6; *Turton, Dict.* 107; *Brit. Faun.* 147. no. 182; *Wood, Conch.* 113, *Cat.* t. 3. f. 40; *Dillw. R. S.* 55; *Leach, Ann. & Mag. N. H.* xx. 1847, 273.

Corbula nucleus, *Lamk. H. ed.* 2. vi. 139. no. 6; *Turt. Biv.* 39. t. 3. f. 8-10; *Philippi, Moll. Sicil.* i. 16, ii. 12; *Sow. Conch. Man.* f. 89, *Gen.* f. 1; *Reeve, Conch. Icon.* t. 2. f. 10, and *Conch. Syst.* t. 36. f. 1; *Thorpe, Mar. Conch.* 56; *Forbes, M. G. S.* i. 409. 22; *Brown, Ill. Conch.* 105. t. 42. f. 7-9; *Forbes & Hanley, Brit. Moll.* i. 181. t. 9. f. 7-12; t. G. f. 3, animal; *Desh. Elem. Conch.* t. 8. f. 7-9; *Hanley, Rec. Shells*, 46.

Corbula gibba, *Lovèn, I. M.* 49. 330.

Corbula striata, *Flem. B. A.* 425; *Desh. Exp. Sc. Alger. Moll.* 231.

Cardium striatum, &c., *Walk. M. S.* f. 35.

Corbula Olympica, *Costa, Test. Sicil.* 27.

C. inequalvis, *Macgilliv. Moll. Aberd.* 303.

C. rotundata, *Sow. Min. Conch.* t. 572.

C. rugosa, *Lamk. Hist.* vi. 141.

Enc. Méth. Vers, t. 230. f. 4, a, b, c, d.

JUN.

Mya purpurea, *Mont. Supp. T. B.* 21.

Solen purpurea, *Flem. B. A.* 459.

Agina purpurea, *Turt. Biv.* 54. t. 4. f. 9.

a—f. Britain.

g—j. Ditto.

k—c c. Firth of Forth.

d d. Falmouth. Mus. Leach.

e e—j j, jun. Near Edinburgh. Presented by Miss Greville.

2. CORBULA ROSEA.

Corbula rosea, "*Leach*," *Brown, Ill. Conch.* 105. t. 42. f. 6; *Lovèn, I. M.* 49. 331; *Hanley, Rec. Shells, Supp.* t. 12. f. 33; *Forbes & Hanley, Brit. Moll.* i. 185. t. 9. f. 13, 14.

Inhab. Falmouth, *Leach*.

3. CORBULA OVATA.

Corbula ovata, Forbes, *Malac. Mon.* 53. t. 2. f. 8, 9; Brown, *Ill. Conch.* 105. t. 42. f. 32, 33; Forbes & Hanley, *Brit. Moll.* i. 187. t. 9. f. 15; Reeve, *Conch. Icon.* t. 3. f. 18.

? *Corbula* (*Potamomya*) *ustulata*, jun., Forbes, *l. c.* 189.

Inhab. Isle of Man.

2. SPHÆNIA.

Sphenia (*Binghami*), Leach, *MSS.* 1819; Turton, *Bivalves*, 36, 1822; *Flem. B. An.* 410, 465; Gray, *Proc. Zool. Soc.* 1848, 190; Forbes & Hanley, *Brit. Moll.* i. 189.

Corbula, sp., Hanley, *Rec. Shells*, 47.

Sphæna, DeFrance, *Tabl.* 105, 1824 (misprint); Blainville, *Malac.* 561; Menke, *Syn.* ed. 2. 120, 1830; Swainson, *Malac.* 1840.

Sphænia, Conrad, *Journ. Acad. Phil.*; Gray; Sow. *Man.* ed. 2. 176, 262.

Sphena, Desh. *Enc. Méth.* iii. 965, 1832; Lamk. *Hist.* ed. 2. vi. 137.

Mya, sp., Gray, *Ann. Phil.* 1825.

? *Arcinella* (*lævis*), Philippi, *Sicil.* ii. 53, 1844, not Oken nor Schum.

1. SPHÆNIA BINGHAMI.

Sphænia Binghami, Turt. *Biv.* 36. t. 3. f. 3, 4, 5. t. 19. f. 3; *Flem. B. A.* 465; Thorpe, *M. Conch.* 57. f. 32, 33; Sow. *Conch. Man.* f. 96; Forbes & Hanley, *Brit. Moll.* i. 190. t. 9. f. 1-3.

Mya Binghami, Gray, *Ann. Phil.* 1825.

Spenia Binghami, Brown, *Ill. C. G. B.* t. 14. f. 22, 23, 24.

Corbula Binghami, Hanley, *Rec. Shells*, 47, *Supp.* t. 12. f. 4.

2. *Doubtful sp.*

Sphænia costulata, Macgill. *Moll. Aberd.* 301; Thorpe, *M. C.* 245.

Inhab. —? "Only a single valve yet found."

3. NEÆRA.

Neæra (*rostrata*), Gray, Griffith, *A. K.* 1834; *Syn. Brit. Mus.* 1840; Lovén, *Ind. Moll. Suec.* 48; Forbes, *Proc. Z. S.* 1843, 75; Rep. *Brit. Assoc.* 1844; Recluz, *Rev. Zool.* 1844; Hinds, *Zool. Sulph.* 1844; Forbes & Hanley, *Brit. Moll.* i. 194.

Anatina, sp., Lamk. *Hist.* vi. 78.

Erycina (*cuspidata*), Risso, *Eur. Merid.* iv.

Cuspidaria (*cuspidata*), Nardo, *Rev. Zool.* 30, 1840.

Thracia, sp., Brown, *Ill. Conch. G. B.*

Corbula, sp., Brown, *Ill. Conch. G. B.*

Mya, sp., Spengler; Chemn.; Dillw.

Naera, Sow. *Man.* ed. 2. 65 (misprint).

Næara, Sow. *Man.* ed. 2. 198, 310 (misprint).

Neræa, "Gray," Herrmannsen (misprint).

1. NEÆRA CUSPIDATA.

Tellina cuspidata, *Olivi, Zool. Adriat.* 101. t. 4. f. 3, *a, b, c.*

Neæra brevirostris, *Lovèn, Ind. Moll. Suec.* 48. 327.

Thracia brevirostra, *Brown, Ill. C. ed. 2.* 110. t. 44. f. 11-14.

Erycina cuspidata, *Risso, Eur. Merid.* iv. 366. t. 12. f. 170.

Anatina brevirostris, *Brown, Edinb. Journ. Nat. & Geograph.*
Sc. i. 11. t. 1. f. 1-4 (1829).

Neæra cuspidata, *Forbes & Hanley, Brit. Moll.* i. 195. t. 7. f. 4,
 5, 6; animal, t. G. f. 4-7.

Cuspidaria typus, *Nardo, Rev. Zool.* 1840, 30.

a—e. Inverary.

f. Loch Fyne. Presented by R. M'Andrew, Esq.

2. NEÆRA COSTELLATA.

Neæra costellata, *Hinds, Proc. Zool. Soc.* 1843, 77; *Forbes, Rep.*

Brit. Assoc. 1843; *Jeffreys, Ann. N. H.* xx. 19; *Forbes & Han-*
ley, Brit. Moll. i. 199. t. 7. f. 8, 9; animal, t. G. f. 8, 9.

Corbula costellata, *Desh. Exped. Morée, Moll.* 86. t. 24. f. 1, 2, 3.

Neæra sulcata, *Lovèn, Moll. Suec.* 48.

? *Cuspidaria radiata*, *Nardo, Rev. Zool.* 1840, 30.

a—c. Scotland.

3. NEÆRA ABBREVIATA.

Neæra abbreviata, *Forbes, Proc. Zool. Soc.* 1843, 75; *Jeffreys,*
Ann. & Mag. N. H. xix. 1847, 314; *Forbes & Hanley, Brit.*
Moll. i. 201. t. 7. f. 7 (magnified).

Neæra vitrea, *Lovèn, Moll. Skand.* 48; *Jeffreys, Ann. N. H.* xx. 18.

a—f. Inverary.

4. POROMYA.

Poromya (anatinoides), *Forbes, Rep. Brit. Assoc.* 1843, 191;
Brit. Moll. i. 203.

Corbula, sp., *Nyst, Nouv. Rech.; Jeffreys, Ann. & Mag. N. H.*
 xx. 19.

1. POROMYA GRANULATA.

Corbula? *granulata*, *Nyst & Westendorp, Nouv. Rech. Coq. Foss.*
d'Anvers, 6. n. 10. t. 3. f. 3, 1839; *Nyst, Desc. Coq. Foss.*
Belgique, 1843, 71. t. 1. f. 6; *Jeffreys, Ann. Nat. Hist.* xx. 19.

Tellina polygona?, *Jeffreys, Ann. Nat. Hist.* xix. 314.

Poromya anatinoides, *Forbes, Rep. Brit. Assoc.* 1843, 191; *Forbes*
& Hanley, Brit. Moll. i. 204.

Poromya granulata, *Forbes & Hanley, l. c. i.* 204. t. 9. f. 4-6.

Inhab. Isle of Skye, *Jeffreys.*

Fam. 8. PANDORIDÆ.

Pandoridæ, *Gray, Syn. B. M.* 1840; 1842, 78. 91; *Proc. Zool. Soc.* 1848, 192.

Pandoridæ, part., *Forbes & Hanley, Brit. Moll.* i. 206.

Pandoroidæ, *Agassiz, Nom.* 1847.

Les Camacées, part., *Lamk. Cour.* 106, 1812.

Les Corbulées (Corbulea), part., *Lamk. Hist.* v. 497, ed. 2. vi. 134.

Corbulæa, part., *Latr. Fam. Nat.* 1825.

Pandoracea, *Rafin. Anal. Nat.* 1815.

Solenacea, part., *Menke, Syn.* 119.

Myacea, part., *Alton, Verz. Conch.* 12.

Pylorides, part., *Blainv. Man. Mal.*; *Rang, Man. Moll.* 322.

Solen, part., *Féruss. Prod.* 44; *Leach, MSS.* 1818, *Ann. & Mag. N.H.* xx. 273.

Hypogæa, part., *Poli, Test. Sicil.*

Corbulacea, part., *Philippi, Moll. Sicil.* i. 16. 1836, ii. 12. 1844; *Sow. Man.* ed. 2. 122, 310, 1842; *Hanley, Ill. Cat.* i. 45.

Corbulidæ, part., *Brod. Penny Cyclop.* xiv. 1839.

Myadæ?, part., *Leach, Ross's Voy. Baffin's Bay*, 174, 1819.

1. PANDORA.

Pandora (inequivalvis), *Solander, MSS.* (not *Muhlf.* nor *Oken*, nor *Eschscholtz*, nor *Haliday*, nor *Noronh.*); *Brug. Ency. Méth.* 250, 1792; *Lamk. Syst.* 136, 1801; *Hist.* v. 498, ed. 2. vi. 143; *Schum. Essai*, 114, 1817; *Leach, Ross's Voy. Baffin's Bay*, 174, 1819; *Flem. B. A.* 410, 466; *Quoy & Gaim. Voy. Astrol.* iii. 537; *Philippi, Moll. Sicil.* i. 18, ii. 13; *Forbes & Hanley, Brit. Moll.* i. 206.

Calopodium (inequivalvis), *Bolten, Mus.* 1798, ed. 2. 116, 1819.

Trutina, *Brown, Ill. Conch. G. B.* t. 13. f. 5.

Placuna, sp., *Humph. Mus. Calonn.*

Tellina, sp., *Linn. S. N.*

Anomia, sp., *Gronov.*

Solen, sp., *Montag. T. B.*

1. PANDORA INÆQUIVALVIS.

Tellina inequivalvis, *Linn. S. N.* ed. 12. 1118 = *Chemn. Conch.* vi. 115. t. 11. f. 106; *Donov. B. S.* t. 41. f. 1; *Mont. T. B.* 75, & *Supp.* 27; *Linn. Trans.* viii. 50; *Spengler, Besch. Berl. Gesch. Nat.* iii. t. 7. f. 25-28; *Turt. Conch. Dict.* 172; *Brit. Faun.* 151. no. 217; *Wood, Gen. Conch.* 201. t. 47. f. 2-4; *Cat.* t. 5. f. 97; *Dillw. R. S.* i. 86.

Pandora inequivalvis, *Flem. B. A.* 466; *Poli, Test. Sicil.* t. 15. f. 5, 6, 9.

Pandora rostrata, *Lamk. Hist.* vi. 145. no. 1; *Sow. Gen.* f. 1, 2, 3; *Spec. Conch.* t. 2. f. 7, 8, 9; *Conch. Man.* f. 90; *Reeve, Conch. Syst.* t. 37. f. 1-3; *Thorpe, Mar. Conch.* 58; *Brown, Ill. Conch.* 104. t. 47. f. 5, 12, 13; *Desh. Elem.* t. 8. f. 10, 11; *Exp. Sci. Alger. Moll.* t. 24, animal; *Chenu, Elem.* 58. f. 194, 195; *Hanley, Rec. Shells*, 48; *Forbes & Hanley, Brit. Moll.* i. 207. t. 8. f. 1-4.

P. margaritacea, *Turt. Biv.* 40. t. 3. f. 11-14.

Calopodium, *Bolten, Mus.* ed. 2. 116, 1819.

Inhab. Guernsey and Jersey; abundant.

2. PANDORA OBTUSA.

Solen Pinna, *Mont. T. B.* 567. t. 15. f. 3; *Linn. Trans.* viii. 48; *Turton, Brit. Faun.* 149. no. 198; *Penn. B. Z.* ed. 1812, iv. 175. t. 67. f. 3; *Wood, Conch.* 141; *Cat.* t. 3. f. 35.

Pandora obtusa, *Leach, Ross's Voy. Baffin's Bay*, 174, 1819; *Ann. & Mag. N. H.* xx. 1847, 273; *Lamk. Hist.* ed. 2. vi. 145. no. 2; *Forbes & Hanley, Brit. Moll.* i. 210. t. 8. f. 5, & t. G. f. 10, animal; *Thorpe, Mar. Conch.* 57. f. 15; *Sow. Spec. Conch.* t. 2. f. 1, 2, 3; *Deless. Rec. Coq.* t. 4. f. 8; *Philippi, Moll. Sicil.* ii. 14. t. 13. f. 13; *Hanley, Rec. Shells*, 48. t. 3. f. 35; *Penn. B. Z.* ed. 4. iv. t. 64, figures at bottom of plate without numbers; no description.

Trutina solenoidea, *Brown, Ill. C.* t. 13. f. 5.

a—*p.* Plymouth Sound.

q—*v.* Oban.

Fam. 9. GALEOMMIDÆ.

Galeommidae, *Gray, Syn. B. M.* 1840; 1842, 78, 91; *Proc. Zool. Soc.* 1848, 192.

Corbulacea, part., *Philippi, Moll. Sicil.* i. 16. 1836, ii. 12. 1844.

Myadæ, part., *Fleming, B. A.* 410, 466, 1828.

Saxicavidæ, part., *Swainson, Malac.* 376.

Pholadaria, part., *Sow. Conch. Man.* ed. 2. 151.

1. GALEOMMA.

Galeomma (*Turtoni*), *Turton, Zool. Journ.* ii. 361. t. 13. f. 1, 1825;

Fleming, B. A. 410, 466; *Sow. Gen. Shell*, t. ; *Desh. in*

Lamk. Hist. ed. 2. vi. 179, 1835; *Philippi, Wieg. Arch.* i. 117.

Galeomma, *Hanley, Ill. Cat.* i. 59 (misprint).

Parthenope (*formosa*), *Scacchi, Osserv. Zool.* 19, not *Fabric.*

Psammobia (*aurantia* and *vitrea*), *Lamk. Hist.* vi.; *Quoy & Gaim. Voy. Astrol.*

Hiatella (*Polii*), *Costa, Ann. Sci. Nat.* viii. 169; *Delle Chiaje, Test. Sicil.* t. 80.

1. GALEOMMA TURTONI.

Galeomma, *Turton*, *Zool. Journ.* ii. 361; *Ann. Nat. Hist.* iv. 92. t. 3. f. 4.

Galeomma Turtoni, *Sow. Zool. Journ.* ii. 361. t. 13. f. 1; *Flem. Brit. An.* 466; *Sow. Gen. Galeom.* f. 1, 2, 3; *Conch. Man.* f. 58, 59; *Brown, Ill. Conch. G.B.* 114. t. 23. f. 15, 16; *Thorpe, M. C.* 33. f. 72; *Philippi, Sicil.* ii. 18. t. 14. f. 4, animal; *Lamk. Hist.* 2nd ed. vi. 180; *Desh. Elem. Conch.* t. 11. f. 13-17; *Reeve, Conch. Syst.* i. 54. f. 1-3; *Desh. Exp. Sci. Alger. Moll.* t. 82 (anatomy), & t. 81. f. 11-15; *Mittre, Ann. Sc. Nat.* 3rd ser. vii. 169. t. 5. f. 1-8; *Forbes & Hanley, Brit. Moll.* ii. 105. t. 36. f. 11, and t. O. f. 5.

Hiatella Polii, *Costa, Ann. Sci. Nat.* 1st ser. xv. 100.

H. striata, *Chiaje*, t. 80. f. 9, ined.

Parthenope formosa, *Scacchi, Cat.* 4, *Oss. Zool.* 8. t. 19, fide *Philippi*.

Galeomma Turtoni, *Hanley, Ill. Cat.* i. 59. t. 9. f. 42.

a—d. Guernsey.

Fam. 10. LASIADÆ.

Lasiadæ, *Gray, Syn. B. M.* 1840; 1842, 79, 91; *Proc. Zool. Soc.* 1848, 192.

Kelliadæ, *Forbes & Hanley, Brit. Moll.* ii. 71.

Myina, part., *M.-Edw. Elem. Zool.* 1843; *Macgilliv. Moll. Aberd.* 219.

Tellinina, part., *Macgilliv. Moll. Aberd.* 219, 276, 1843.

Mactracea, part., *Gould, Invert. Massach.* 60, 1841; *Lea, Proc. Phil. Soc.* iii. 164; *Philippi, Sicil.* i. 9, ii. 7.

Mactradæ, part., *Flem. B. A.* 409, 1828.

Petricola, sp., *Gray, Ann. Phil.* 1825.

Front of mantle often enlarged and produced so as to give the appearance of a tube.

1. LASEA.

Lasea (rubra), *Leach, MSS. B. M.* 1819; see *Gray, Ann. & Mag. N. H.* 1848.

Kellia, part. (*rubra*), *Turton, Bivalves*, 57; *Fleming, B. A.* 430; *Forbes, Malac. Mon.* 49; *Forbes & Hanley, Brit. Moll.* ii. 94.

Lasæa, "*Leach*," fide *Brown, Ill. Conch. G. B.* 1827; *Conch. Text-Book*, 1833; *Herrmann. Ind.* 377.

Lesæa, "*Leach*," *Möller, Nat. Tidsskr.* iv. 93, 1842; *Index Moll. Græn.* 20; *Philippi, Wieg. Arch.* i. 51, 1845.

Petricola, sp., *Gray, Ann. Philos.* 1825.

Bornia, sp., *Philippi*, 1836; *Desh. Exp. Alger.*

Erycina (violacea), *Scacchi, Cat.* 6.

- ? *Amphidesma*, sp., *Lamk.* 1818.
Poronia (rubra), *Hanley* (*Thorpe*) *Brit. Mar. Conch.* 80.
Cycladina (*Adansonii*), *Cantraine*, 1830.
Poronia (*Adansonia*), *Recluz*, 1846.
Chama (*Poron*), *Adanson*, *Seneg.*

1. LASEA RUBRA.

- Cardium rubrum*, *Mont.* (not *Reeve*) *T. B.* 83. t. 27. f. 4; *Linn. Trans.* viii. 66; *Wood*, *Gen. Conch.* 213; *Walker*, *T. M. rar.* t. 3. f. 86; *Dillw. Rec. Shells*, i. 131; *Turton*, *Brit. Faun.* 153. no. 231.
Tellina rubra, *Turt. Conch. Dict.* 168.
Kellia rubra, *Turt. Biv.* 57 & 258. t. 11. f. 7, 8; *Flem. Brit. An.* 430; *Thorpe*, *Brit. Mar. Conch.* 51; *Macgilliv. Moll. Aberd.* 277; *Hanley*, *Rec. Shells*, 43; *Supp.* t. 9. f. 49; *Forbes & Hanley*, *Brit. Moll.* ii. 94. t. 36. f. 5-7, & t. O. f. 3 (animal).
Poronia rubra, *Recluz*, *Rev. Zool.* 1843, 175; *Thorpe*, *M. C.* 25; *Chenu*, *Ill. Conch. Poronia*, 3.
Lasæa rubra, *Leach*, *MSS.*; *Brown*, *Ill. Conch.* (1827), t. 20. f. 17-19.
Lesæa rubra, *Brown*, *Ill. Conch.* ed. 2. 93. t. 36. f. 17, 18.
Petricola rubra, *Gray*, *Ann. Phil.* 1825.
Bornia seminulum, *Philippi*, *Sic.* i. 14. t. 1. f. 16, ii. 11; *Desh. Exp. Scien. Alger. Moll.* t. 43. f. 8-11, & t. 43. A. f. 6-8, anatomy.
Erycina violacea, *Scacchi*, *Cat.* 6.
? *Amphidesma nucleola*, *Lamk.* v. 493.
Cycladina Adansonii, *Cantr. Bull. Acad. Brux.*
Cyclas australis, *Lamk. Hist.*
a—*s.* Ilfracombe. Presented by J. E. Gray, Esq.
t—*x.* Tynemouth.
y—*ā a.* Whitby, Northumberland.
b b—*ll.* Mount Batten rocks.

2. KELLIA.

- Kellia* (*suborbicularis*), *Turt. Biv.* 57, 1822; *Flem. B. A.* 409, 430.
Chironia (*Leperousii*), *Desh. Rev. Zool.* 1839, 356; *Wieg. Arch.* ii. 1840, 216; 1841, 280; *Guérin*, *Mag. Zool.* 1840, t. 12.
Tellimya, sp., *Brown*, *Ill. Conch. G. B.*
Bornia, sp. (*inflata*), *Philippi*, *Sicil.* i. 14.
Mya, sp., *Montagu*, *T. B.*
Petricola, sp., *Gray*, *Ann. Phil.*
Erycina, sp. *Recluz*; *Payrand. Moll. Cors.*
Amphidesma, sp., *Lamk. Hist.*
Tellina, sp., *Turton*, *Conch. Dict.*

1. *KELLIA SUBORBICULARIS*.

Mya suborbicularis, *Mont. T. B.* 39. 564. t. 26. f. 6; *Linn. Trans.* viii. 41; *Dillw. Rec. Shells*, i. 55; *Turton, Brit. Faun.* 147. no. 183.

Kellia suborbicularis, *Turton, Biv.* 57. t. 11. f. 5, 6; *Flem. Brit. An.* 430; *Macgilliv. Moll. Aberd.* 276; *Lovèn, I. M.* 44. 309; *Thorpe, Brit. Mar. Conch.* 51; *Alder, Cat. North. Moll.* 93; *Ind. Test.* t. 3. f. 37; *Forbes & Hanley, Brit. Moll.* ii. 87. t. 18. f. 9, 9 a & 9 b; t. O. f. 4, animal.

Petricola suborbicularis, *Gray, Ann. Phil.* 1825.

Erycina suborbicularis, *Recluz, Rev. Zool.* 1844.

Erycina Geoffroyii, *Payr. Cors.* 30. t. 1. f. 3-5.

Amphidesma physodes, *Lam. fide Cab.*

Tellina suborbicularis, *Turt. Conch. Dict.* 179.

Tellimya suborbicularis, *Brown, Ill. C.* t. 14. f. 14, 15, 2nd ed. 106. t. 42. f. 14, 15.

Tellimya tenuis, *Brown, Ill. C.* t. 14. f. 12, 13.

Bornia inflata, *Philippi, Moll. Sic.* i. 14, ii. 11.

a—d. Northumberland.

e—h. Scotland.

i—n. Oban.

2. *KELLIA LACTEA*.

Tellimya lactea, *Brown, Ill. C.* t. 14. f. 10, 11.

Kellia lactea, *Lovèn, I. M.* 44. 310.

? *Bornia inflata*, *Philippi, Sicil.* 14.

Hab. Devonshire coast, "Dr. Leach," fide *Brown*.

3. *CYAMIUM*.

Cyamium (antarcticum), *Philippi, in Arch. Naturg.* i. 50, 1845, and in *Erichson, Arch.* 1847, t. 3. f. 8; *Herrmann. Ind.* 336.

Cyamium (minutum), *Lovèn, Ind. Moll.* 42, 306.

Lesæa (minuta), *Möller, Ind. Moll. Græn.* 20.

Montacuta (purpurea), *Hanley, Thorpe's Brit. Mar. Conch.*

Turtonia (minuta), *Alder, Cat. Moll. North.*; *Forbes & Hanley, Brit. Moll.*

Mya, sp., *Montagu, T. B.*

Solen, sp., *Fleming, B. A.*

Erycina, sp., *Recluz, Rev. Zool.*

Saxicava, sp., *Brown, Ill. B. Conch.*

1. *CYAMIUM MINUTUM*.

Venus minuta, *O. Fab. F. G.* 412.

Mya purpurea, *Montag. T. B. Supp.* 21; *Turt. Conch. Dict.* 102; *Wood, Gen. Conch.* 100; *Dillw. Rec. Shells*, i. 46.

Erycina purpurea, *Recluz, Rev. Zool.* 1844, 329.

Solen purpurea, *Fleming, Brit. An.* 459.

Saxicava purpurea, *Brown, Ill. C.* ed. 2. 103 (not figures).

Turtonia minuta, *Alder, Cat. North. Moll.* 95; *Forbes & Hanley, Brit. Moll.* ii. 81. t. 18. f. 7, 7 a; t. O. f. 1 (animal).

Lesæa minutum, *Möller, Ind. Moll. Gr.* 20.

Montacuta? *purpurea*, *Hanley, in Thorpe's Mar. Conch.* 25. f. 14 (note).

Cyamium minutum, *Lovèn, I. M.* 42. 306.

4. MONTACUTA.

Montacuta (substriata), *Turton, Conch. Dict.* 102, 1819; *Bivalves*, 59, 1822; *Lovèn, Ind. Moll. Skand.* 43, 1846 (not *Fleming, B. A.* 285, 1828, nor *Leach*, 1825).

Tellimya (substriata), sp., *Brown, Ill. Conch. G. B.*

Ligula, part., *Montagu, T. B.*

Erycina, part., *Recluz, Rev. Zool.* 1844.

Petricola, part., *Gray, Ann. Phil.* 1825.

1. MONTACUTA SUBSTRIATA.

Montacuta substriata, *Turt. Biv.* 59. t. 11. f. 9, 10; *Flem. Brit. An.* 465; *Forbes & Hanley, Brit. Moll.* ii. 77. t. 18. f. 8, 8 a; t. O. f. 2, animal; *Lovèn, I. M.* 43. 308; *Alder, Cat. North. & Durh. Moll.* 96; *Macgilliv. Moll. Aberd.* 303; *Thorpe, Brit. Mar. Conch.* 51.

Ligula substriata, *Mont. T. B. Supp.* 25.

Mya substriata, *Mont. T. B.* 47; *Turt. Conch. Dict.* 103; *Wood, Gen. Conch.* 102; *Dillw. Rec. Shells*, i. 47.

Tellimya substriata, *Brown, Ill. C.* t. 16. f. 23. ed. 2. 107. t. 40. f. 23.

Erycina substriata, *Recluz, Rev. Zool.* 1844, 330.

? *Sphænia costulata*, *Macgilliv. Moll. Aberd.* 301; *Thorpe, Brit. Mar. Conch.* 245; *Brown, Ill. Conch. G. B.* 133.

a—i. Northumberland. Adheres to the spines of the oral surface of *Spatangi*.

2. MONTACUTA BIDENTATA.

Mya bidentata, *Mont. T. B.* 44. t. 26. f. 5; *Linn. Trans.* viii. 41; *Turt. Conch. Dict.* 102; *Brit. Faun.* 147. no. 187; *Wood, Gen. Conch.* 99; *Dillw. Rec. Shells*, 45; *Leach, Ann. & Mag. N. H.* xx. 1847, 273.

Montacuta bidentata, *Turt. Biv.* 60; *Flem. Brit. An.* 465; *Macgilliv. Moll. Aberd.* 302; *Thorpe, M. Conch.* 52. f. 58; *Forbes, M. G. S.* i. 409. 21; *Alder, Cat. North. & Durh. Moll.* 95; *Forbes & Hanley, Brit. Moll.* ii. 75. t. 18. f. 6 & 6 a.

Petricola bidentata, *Gray, Ann. Phil.* 1825; *Hanley, Rec. Shells*, 54.

Erycina bidentata, *Recluz, Rev. Zool.* 1844, 331.

Tellimya bidentata, *Brown, Ill. Conch. G. B.* 107. t. 44. f. 8, 9.
Anatina bidentata, *Brown, Ill. C.* t. 11. f. 8, 9.

3. MONTACUTA FERRUGINOSA.

Mya ferruginosa, *Mont. T. B. Supp.* 22 & 126. t. 26. f. 2; *Dorset Cat.* 28; *Turt. Conch. Dict.* 102; *Wood, Gen. Conch.* 100; *Dillw. Rec. Shells*, i. 46; *Ind. Test.* t. 2. *Mya*, f. 19.

Mya ferruginea, *Leach, Ann. & Mag. N. H.* xx. 1847, 273.

Montacuta ferruginosa, *Turt. Biv.* 60; *Fleming, Brit. An.* 465; *Hanley, Rec. Shells*, 40; *Thorpe, Mar. Conch.* 52. f. 16; *Forbes & Hanley, Brit. Moll.* ii. 72. t. 18. f. 5, 5a & 5b (as *ferruginea*).

Poronia? *ferruginosa*, *Jeffreys, Ann. & Mag. N. H.* xix. 313.

Tellimya elliptica, *Brown, Ill. C.* t. 14. f. 16–18. 2nd ed. t. 42. f. 19.

? *Tell. glabra* (var.), *Brown, Ill. C.* t. 14. f. 19. 2nd ed. 107. t. 42. f. 20, 21.

Tell. ovata, *Brown, Ill. C.* t. 14. f. 20, 21 (not 2nd edit.).

Montacuta ovata, *Thomp. Rep. Brit. Assoc.* 1843, 262.

Erycina ferruginosa, *Recluz, Rev. Zool.* 1844, 332.

Montacuta oblonga (young), *Turt. Brit. Biv.* 61. t. 11. f. 11, 12; *Flem. Brit. An.* 465; *Thorpe, Brit. Mar. Conch.* 52; *Macgilliv. Moll. Aberd.* 302.

Montacuta glabra, *Macgilliv. Moll. Aberd.* 303; *Thorpe, Brit. Mar. Conch.* 245.

a—c. Plymouth Sound. Mus. Mont.

Fam. 11. LEPTONIDÆ.

Leptonidæ, *Gray, Proc. Zool. Soc.* 1848, 193.

Lasiadæ, part., *Gray, Syn. B. M.* 1842, 79, 91.

Kelliadæ, part., *Forbes & Hanley, Brit. Moll.* ii. 1849.

Tellinina, part., *Macgilliv. Moll. Aberd.* 214.

1. LEPTON.

Lepton (squamosus), *Turton, Bivalves*, 62, 1822 (not *Plin.*); *Flem. B. A.* 409, 429; *Swains. Malac.* 366; *Conrad, Foss. Tert. Form.* 19, 1840; *Forbes & Hanley, Brit. Moll.* ii. 97.

Mactra, sp., *Montagu, T. B.*

1. LEPTON SQUAMOSUM.

Solen squamosus, *Mont. T. B.* 565; *Turt. Dict.* 164; *Brit. Faun.* 149. no. 197; *Linn. Trans.* viii. 48; *Wood, Gen. Conch.* 140; *Dillw. Rec. Shells*, i. 70; *Leach, Ann. & Mag. N. H.* xx. 1847, 273.

Lepton squamosum, *Turt. Biv.* 62. t. 6. f. 1–3; *Flem. Brit. An.* 429; *Thorpe, Brit. Mar. Conch.* 49; *Brown, Ill. Conch. G. B.* 111. t. 40. f. 7; *Sow. Conch. Man.* f. 62; *Forbes & Hanley, Brit. Moll.* ii. 98. t. 36. f. 8, 9; t. O. f. 6, animal.

Mactra squamosa, Gray, *Ann. Phil.* 1825.

Psammobia punctura, Brown, *Ill. C. G. B.* t. 16. f. 7.

Lutraria squamosa, Hanley, *Rec. Shells*, i. 28, *Supp.* t. 9. f. 47.

Lepton squammeux, Chenu, *Traité Elém.* 47. f. 148.

a. Weymouth.

2. LEPTON NITIDUM.

Lepton nitidum, Turton, *Biv.* 63; *Flem. Brit. An.* 429; Thorpe, *Brit. Mar. Conch.* 49; Macgilliv. *Moll. Aberd.* 278; Brown, *Ill. Conch. G. B.* 111.

Lepton squamosum jun.?, Jeffreys, *Ann. N. H.* xx. 19.

Kellia nitida, Forbes & Hanley, *Brit. Moll.* ii. 92. t. 36. f. 3, 4.

Inhab. Torbay, Turton. Bantry Bay, Lyons. Island of Skye, Jeffreys.

3. LEPTON CONVEXUM.

Lepton convexum, Alder, *Cat. North. & Durh. Moll.* 93; Forbes & Hanley, *Brit. Moll.* ii. 102. t. 36. f. 10.

Inhab. Cullercoats, Alder. Bantry Bay, M^r Andrew.

Fam. 12. SAXICAVIDÆ.

Saxicavidæ, Gray, *Syn. B. M.* 1840; 1842, 79, 91; *Proc. Zool. Soc.* 1848, 193; *Rev. Zool.* 1844, 408.

Saxicavidæ, part., Swainson, *Elem. Conch.* 1835; *Malac.* 375, 1840.

Les Lithophages and Les Cardiacées, part., Lamk. *Cour.* 106, 1812.

Les Lithophages, part., and Les Cardiacées, part., Lamk. *Hist.* v. 501, vi. 29, ed. 2. vi. 147, 385.

Pyloridea, part., Blainv. *Dict. Sc. Nat.*; Rang, *Man. Moll.* 322.

Gastrochænidæ, part., Forbes & Hanley, *Brit. Moll.* i. 136, 1848.

Solenaceæ, part., Lamk. *Phil. Zool.* 1809.

Pholadiadæ, part., Leach, MSS. 1818, *Ann. & Mag. N. H.* xx. 272.

Pholidaria, part., Rafin. *Anal. Nat.* 1815.

Solenacea, part., Alton, *Verz. Conch.* 12.

Pholades, part., Féruss. *Prod.* 45.

Lithophaga, part., Menke, *Syn.* 118.

Solenina, part., Macgilliv. *Moll. Aberd.* 217.

Saxicavina, part., Agassiz, *Nomencl.*

Pholadidæ?, part., Leach, *Ross's Voy. Baffin's Bay*, 174, 1819.

Biapholus, Leach, MSS. 1818, *Ann. & Mag. N. H.* xx. 1847, 272.

1. SAXICAVA.

Saxicava, Fleuriau de Bellevue, *Bull. Soc. Philom.* no. 62, 1802; *Journ. Phys.* liv.; Schweiger, *Naturg.* 700, 1820; Blainv.

- Malac.* 571; *Sow. Gen.*; *Lamk. Phil. Zool.* 1809; *Ext. du Cour.* 1812; *Hist. A. s. V.* v. 501, ed. 2. vi. 150; *Rang, Man. Moll.* 333; *Forbes & Hanley, Brit. Moll.* i. 137.
- Rhombus, *Blainv. Dict. Sci. Nat.* x. 1818 (not *Montf. &c.*).
- Rhomboides, *Blainv. Dict. Sci. Nat.* xxxii. 355, 1824; *Man. Malac.* 573, 1825; *Rang, Man. Moll.* 335; *Menke, Syn.* ed. 2. 118.
- Pholeobia (rugosa), *Leach, Journ. Phys.* 1819, lxxxviii.; *Ross, Voy. Arctic Reg.* 174; *Isis*, 1820, 130.
- Pholeobius, *Sow. Man.* ed. 2. 225 (misprint).
- Byssomya (Pholadis), *Cuvier, R. A.* iii. 1817, ed. 2. 1830; *Rang, Man. Moll.* 334.
- Byssomia, *Desh. Enc. Méth.* iii. 553 (misprint).
- Byssonia, *Blainv. D. S. Nat.* v. 158 (misprint).
- ? Clotho (), *Faujas St. Fond, Ann. Mus.* xi. 384, 1807; *Defrance, Dict. Sci. Nat.* ix. 421; *Blainv. Malac.* 561; united to *Saxicava*, *Desh. E. M.* ii. 247, 1830.
- Glycymeris, *Schum. N. Syst.* 1817 (not *Lamk.*).
- Chamæpholas, *Lister, Conch.*
- Hypogæa and Hypogæoderma (barbata), part., *Poli, Test. Sicil. Cardita*, part., *Brug. E. M.* 1791.
- Biapholus, sp., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.
- Corbula, part., *Bolten. Mus.*
- Cyrtodaire, part., *Daudin, Bull. Soc. Phil.* 1798.
- Irus, part., *Oken, Lehrb.* iii. 1815.
- Mya, sp., *Fab. Faun. Græn.*

1. SAXICAVA RUGOSA.

- Mytilus rugosus*, *Penn. B. Z.* ed. 1. iv. 94. t. 63. f. 72, ed. 1812. t. 66. f. 1; *Pult. Hutch. Dors.* 37; *Dors. Cat.* 39. t. 13. f. 5; *M. & R. Linn. Trans.* viii. 105. 270. t. 6. f. 3, 4; *Mont. T. B.* 164; *Dillw. R. S.* i. 304; *Wood, Cat.* t. 12. f. 9; *Donov. B. S.* iv. 141; *Turt. Conch. Dict.* 113; *Brit. Faun.* 164. no. 311.
- Mytilus Pholadis*, *Linn. Mantissa?*, 548; *Müller, Zool. Dan.* t. 87. f. 1, 2, 3.
- Saxicava rugosa*, *Lamk. Hist.* ed. 2. vi. 152; *Turt. Biv.* 20. t. 2. f. 10; *Sow. Gen.* f. 2, 3, 4; *Forbes & Hanley, Brit. Moll.* i. 146. t. 6. f. 7, 8. t. F. f. 6; *Rang, Man. Moll.* 333 (animal); *Macgilliv. Moll. Aberd.* 285; *Brown, Ill. C. G. B.* 103. t. 47. f. 14-16; *Crouch, Int. Conch.* t. 5. f. 3; *Reeve, Conch. Icon.* i. t. 50. f. 2, 3, 4; *Hanley, Rec. Shells*, 50.
- Hyatella rugosa*, *Flem. B. A.* 461; *Thorpe, Brit. Mar. Conch.* 58.
- Rhomboides rugosus*, *Blainv. Man.* 573.
- Mya byssifera*, *O. Fab. Faun. Græn.* 408.
- Pholeobia rugosa*, *Leach, Ross's Voy. Baffin's Bay*, 174, 1819; *Journ. Phys.* 1819, lxxxviii. 465; *Brown, Ill. C. G. B.* t. 9. f. 15.

Biapholus rugosus, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.

Sax. gallicana, *Lamk. Hist.* ed. 2. vi. 152; *Deless. Rec.* t. 4. f. 9; *Desh. Elem. Conch.* t. 12. f. 1-3; *Hanley, Rec. Shells, Supp.* t. 9. f. 5.

Sax. Pholadis, *Lamk. Hist.* ed. 2. vi. 152; *Turton, Dithyra Brit.* 21. t. 2. f. 11; *Hanley, Rec. Shells*, 50.

Mya rustica, *Brocchi.*

Sax. rustica, *Bronn.*

Saxicava distorta, *Say; Gould, Invert. Mass.* 61. f. 40.

Byssomya pholadis, *Bowdich, Bivalves*, f. 43.

Byssomia (), *Cuvier, R. A.; Rang, Man. Moll.* 334.

Hiatella oblonga, jun., *Turton, Dithyra Brit.* 25. t. 2. f. 13.

Rhomboides (rugosus), *Blainv. Man. Malac.; Rang, Man. Moll.* 335.

Saxicave ridée, *Chenu, Trait. Elem.* 58. f. 197, 198.

List. Ang. t. 4. f. 21; *Conch.* t. 426. f. 267.

a—*s.* Britain.

t—*v.* Ditto. Presented by Mrs. Robinson.

w, group *in situ*. Falmouth. Presented by W. P. Cocks, Esq.

x, jun. Ilfracombe. Presented by J. E. Gray, Esq.

VAR.

Saxicava, n. s. ?, *Forbes & Hanley, Brit. Moll.* i. 149. t. 6. f. 1-3.

Inhab. Isle of Wight, *Hanley.*

2. HIATELLA.

Hiatella, *Daudin, Rec. Mem. Moll. Paris*, 1800, & in *Bosc, Hist. Nat. Coq.* iii. 120, 1802; *Roissy, Moll.* vi. 385, 1805; *Lamk. Extr. Cour.* 1812; *Hist.* v. 29, ed. 2. vi. 442; *Cuvier, R. A.* iii. 1817; *Blainv. Malac.* 573; *Rang, Man.* 335, 1829; *Gray, Rev. Zool.* 1846, 419; *Turton, Bivalves*, 24.

Hyatella, *Féruss. Prod.* 45; *D'Orb.; Desh. E. M.* iii. 271, 552.

Didonta, *Schum. Essai*, 125, 1817.

Diodonta, *Herrmannsen, Ind.* 388.

Pholeobia, sp., *Brown, Ill. Conch. G. B.*

Saxicava, part., *Sow. Man.* ed. 2. 176; *Philippi, Sicil.* i. 20.

Biapholus, sp., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.

Solen, sp., *Linn. S. N.* 1114; *Lamk. Hist.* v. 453, ed. 2. vi. 57; *Spengler, Skrivt. N. S.*

Cardita, sp., *Brug. Ency. Méth.*

Donax, sp., *Poli, Test. Sicil.*

Anatina, sp., *Turton, Bivalves.*

Rhomboides, part., *Blainv. Malac.* 573.

Biapholus (minutus), *Leach, Ross's Arctic Voy.*

Biapholius (spinosus), "Leach," in *Lamk. Hist.* v. 453, 1818, ed. 2. vi. 57; *Blainv. Malac.* 574, 1825.
Biopholeus, *Herrmannsen, Index*, 111.

1. HIATELLA MINUTA.

Solen minutus, *Linn. S. N.* 1114; *Chemn. Conch. Cab.* vi. 67. t. 6. f. 51, 52; *M. & R. Linn. Trans.* viii. 47; *Turton, Conch. Dict.* 161; *Brit. Faun.* 148. no. 195; *Lamk. A. s. V.* ed. 2. vi. 57; *Mont. T. B.* 53. t. 1. f. 4; *Spengler, Skrivt. N. S.* iii. part 2. 113; *Wood, G. Conch.* 139. t. 34. f. 5, 6; *Cat.* t. 3. f. 33; *Dillw. R. S.* i. 69; *Brown, Ill. C.* t. 13. f. 1.

Hiatella minuta, *Turt. Biv.* 24. t. 2. f. 12; *Brown, Ill. Conch.* 103. t. 47. f. 1-16.

Mya arctica, *Linn. S. N.* 1113; *Müller, Prod.*; *O. Fab. F. G.* 407; *Turton, Conch. Dict.* 184.

Cardita arctica, *Brug. Enc. Méth.*

Hiatella arctica, *Daud. Rec. Mem. Moll. Paris*; *Thorpe, Brit. M. Conch.* 59; *Bowdich, Conch. Biv.* f. 40; *Crouch, Int. Conch.* t. 8. f. 6; *Cuv. R. A.* ed. *Croch.* t. 110. f. 1; *Lamk. Hist.* ed. 2. vi. 443; *Flem. B. A.* 461; *Hanley, Rec. Shells*, 150.

Anatina arctica, *Turton, Biv.* 49. t. 4. f. 7, 8; *Brit. Mar. Conch.* 42.

Chama aculeata, *Ström.*

Donax rhomboides, *Poli, Test. Sicil.* t. 15. f. 12, 15.

Saxicava rhomboides, *Desh. in Lamk. H. A. s. V.* ed. 2. vi. 153.

Biapholus spinosus, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Lamk. Hist.* ed. 2. vi. 57.

Mytilus præcisus, *Mont. T. B.* 165. t. 4. f. 2; *Linn. Tr.* viii. 112; *Dillw. Rec. Shells*, 305.

Pholeobia præcisus, *Brown, Ill. C.* t. 9. f. 16.

Saxicava arctica, *Philippi, Sic.* i. 20. t. 3. f. 3, & ii. 19; *Desh. Elem. Conch.* t. 12. f. 8, 9; *Lovèn, Moll. Suec.* 40; *Forbes & Hanley, Brit. Moll.* 141. t. 6. f. 4-6.

Agina purpurea, *Turt. Biv.* 54. t. 4. f. 9; *Brit. Mar. Conch.* 60.

Solen purpureus, *Fleming, Brit. An.* 459.

Saxicava purpurea, *Brown, Ill. Conch.* t. 42. f. 30, 31.

? *Saxicava sulcata*, *Smith, Mem. Wern.* viii.; *Forbes, M. G. S.* i. 410. 24.

Hiatelle, *Chenu, Traité élément.* 58. f. 206.

Saxicava rubra, *Desh. Exp. Algérie, Moll.* t. 66. f. 18, 19.

Saxicava rhomboides, *Desh. Lamk. Hist.* ed. 2. vi. 153.

Hypogæa gibba and *Hypogæoderma rhomboidea*, *Poli*, ii. 251, 257.

a—o. Firth of Forth.

p—t. Scotland.

u (*Mytilus precisus*). Britain. (Mus. Mont.?)

Order III. GONIOPODA.

- Goniopoda, *Gray, Syn. B. M.* 1840; 1842, 79, 91; *Proc. Zool. Soc.* 1848, 193.
 Phyllopoda, part., *Gray, Med. Repos.* 1821, 237.
 Ostracés (Arcacés), *Féruss. Prod.* 42.
 Mytilacés, *Cuvier, R. A.; Féruss. Prod.* 39.
 Cardiacés, part., *Cuv. R. A.; Féruss. Prod.* 39.
 Cardia, part., *Eichw. Zool. Spec.* i. 280.
 Mytilacea, *Menke, Syn.* 104.
 Cardiacea, *Menke, Syn.* 109.

Fam. 1. ASTARTIDÆ.

- Astartidæ, *Gray, Proc. Zool. Soc.* 1848, 194.
 Astartidæ, part., *D'Orb. Pal. Franç.* 1845; *Geinitz, Grund.* 427, 1846.
 Carditacea, part., *Roemer, de Astarte*, 1842; *Leonh. Jahrb.* 1843, 58.
 Crassinidæ, *Gray, Syn. B. M.* 1840; 1842, 80, 91.
 Les Nymphacées, part., *Lamk. Hist.* v. 509, ed. 2. vi. 165.
 Veneracea, part., *Alton, Verz. Conch.* 12.
 Conchacés, § 2, part., *Rang, Man. Moll.* 302.
 Crassatellæ or Crassatelles, part., *Féruss. Prod.* 42, 1821.
 Mytilacés, part., *Goldfuss; Schweiger.*
 Venerina, part., *Macgilliv. Moll. Aberd.* 210.
 Veneridæ, *Leach, in Ross's Voy.*
 Psammobiadæ, part., *Flem. B. A.* 439, 1828.
 Crassatellaceæ, part., *Menke, Syn.* 65, 1828.
 Crassatellacea, part., *Menke, Syn.* ed. 2. 108, 1830.
 ? Mactradæ, part., *Fleming, B. A.* 409.
 Mactrina, part., *Macgilliv. Moll. Aberd.* 218.
 Cycladea, part., *Möller, Isis*, 1832, 135.
 Veneriadæ, part., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272, 1847.
 Cyprinidæ, part., *Forbes & Hanley, Brit. Moll.*

1. ASTARTE.

- Astarte (Danmoniensis), *J. Sow. Min. Conch.* t. 137, 1816; *Lajonkaire, Monog.* 1823; *Scacchi, Osserv. Zool.* 1833; *Flem. B. A.* 409, 439; *Rang, Man.* 314; *Philippi, Moll. Sicil.* i. 38, ii. 29; *Wieg. Arch.* 1839, i. 125; *Abbild.* ii. 55, 60; *D'Orb. Pal. Franç.* 1845; *Forbes & Hanley, Brit. Moll.* i. 450.
 Crassina (Danmoniensis), *Lamk. Hist. Nat.* v. 554, 1818, ed. 2. vi. 255; *Féruss. Tabl. Syst.* 42, 1821; *Blainv. Mal.* 557; *Cuvier, R. A.* iii.; *Swainson, Mal.* 372.

- Goodallia* (triangularis), *Turton, Bivalves*, 77, 1822; *Flem. B. A.* 409, 429, 1828; *Recluz, Rev. Zool.* 1844, 246.
- Mactrina* (triangularis), *Brown, Ill. Conch. G.B.* 1827 (not *Milne-Edwards, &c.*).
- Nicania* (*Banksii*), *Leach, Journ. Phys.* 1819, lxxxviii. 465, in *Ross's Voy. Baffin's Bay*, ii. 176, 1819; *Isis*, 1820, 130; *Gray, Parry's Voy.*; *Blainv. Malac.* 558.
- Venus*, § 2, *Blainv. Malac.* 558, 1825.
- Mactra*, sp., *Montagu, T. B.*; *Leach, MSS.* 1818.
- Venus*, sp., *Montagu, T. B.*; *Leach, MSS.* 1818.
- Tellina*, sp. (), *Poli, Test. Sicil.*
- Cypricardia*, sp. (*modiolaris*), *Lamk. Hist.* 1819.
- Peronea*, sp., *Poli, Test. Sicil.*

1. ASTARTE SULCATA.

- Pectunculus sulcatus*, *Da Costa, Brit. Conch.* 192 (1778).
- Pectunculus truncatus*, *Da Costa, B. C.* 195?
- Venus borealis*, part., *Chemn. vii.* 26. t. 39. f. 413.
- Venus Danmonia*, *Mont. T. B. Supp.* 45. t. 29. f. 4 (1808); *Dillw. Rec. Shells*, i. 167; *Ind. Test.* t. 7. f. 21; *Leach, Ann. & Mag. N. H.* xx. 272.
- Crassina danmoniensis*, *Lamk. Hist.* ed. 2. vi. 257; *Crouch, Intr. Conch.* t. 6. f. 7; *Thorpe, M. C.* 80; *Brown, Ill. Conch. G. B.* 95. t. 38. f. 1; *Delessert, Rec. Cog.* t. 7. f. 1.
- Astarte Danmoniensis*, *Sow. Gen. Shells, Astarte*, f. 1-3; *Lovèn, I. M.* 36, 272; *Flem. Brit. An.* 440; *Macgilliv. Moll. Aberd.* 258; *Forbes, M. G. S.* i. 412. 39; *Reeve, Conch. Syst.* t. 66. f. 1-3; *Sow. Conch. Man.* f. 110.
- Venus sulcata*, *Turt. Conch. Dict.* 235.
- Crassina sulcata*, *Turt. Biv.* 131. t. 11. f. 1, 2; *Hanley, Recent Shells*, i. 87.
- Astarte sulcata*, *Flem. B. A.* 439; *Macgilliv. Moll. Aberd.* 250; *Thorpe, Brit. Mar. Conch.* 247; *Philippi, Abbild. und Bes.* ii. 56, *Astarte*, t. 1. f. 4; *Forbes & Hanley, Brit. Moll.* i. 452. t. 30. f. 6; t. M. f. 5, animal.
- Astarte vulgaris*, *Jeffreys, Conch. Mag.* 44.
- Crassina crassatellée*, *Chenu, Traité Elem.* f. 232, 233.
- a—p. British.
- q. Dublin Bay. Presented by T. Warren, Esq.
- r. Falmouth. Presented by W. P. Cocks, Esq.
- s—x. Northumberland.

VAR. 1. Margin quite entire.

- Venus Scotica*, *M. & R. Linn. Trans.* (1807) viii. 81. t. 2. f. 3; *Mont. T. B. Supp.* 44; *Turt. Conch. Dict.* 236; *Brit. Faun.* 159. no. 278; *Lamk. Hist.* 2nd ed. vi. 360; *Dillw. Rec. Shells*, i. 167; *Ind. Test.* t. 7. f. 20; *Leach, Ann. & Mag. N. H.* xx. 272.

Astarte Scotica, *Flem. Brit. An.* 440; *Lovèn, I. M. Skand.* 36. no. 273; *Macgilliv. Moll. Aberd.* 258; *Philippi, Abbild. und Bes.* ii. 56, *Astarte*, t. 1. f. 3.

Crassina Scotica, *Leach, Ross's Voy.* 175; *Turt. Biv.* 130. t. 11. f. 3, 4; *Thorpe, Brit. M. Conch.* 79; *Brown, Ill. C.* t. 18. f. 9, 2nd ed. 95. t. 38. f. 9; *Hanley, Rec. Shells*, i. 87.

Astarte pallida, *Jeffreys, Conch. Mag.* 44.

Ast. Danmoniensis, junior var., *Forbes, M. G. S.* i. 412. 39.
a—l. British.

m—p. Scotland (under name of *A. semisulcata*).

q—v. Scotland.

2. ASTARTE CREBRICOSTATA.

Astarte crebricostata, *M^cAndrew & Forbes, Ann. N. H.* 1847, xix. 98. t. 9. f. 4; *Jeffreys, Ann. & Mag. N. H.* xix. 314; *Forbes & Hanley, Brit. Moll.* i. 456. t. 30. f. 9.

Inhab. Isle of Skye. Messrs. *M^cAndrew & Jeffreys*.

3. ASTARTE ELLIPTICA.

Crassina elliptica, *Brown, Ill. Conch.* 96. t. 38. f. 3; *Thorpe, Brit. Mar. Conch.* 246. f. 107 (not well); *Hanley, Rec. Shells, Supp.* t. 14. f. 36; *Forbes, M. G. S.* i. 412. 38.

Astarte elliptica, *Macgilliv. Moll. Aberd.* 259; *Forbes & Hanley, Brit. Moll.* i. 459. t. 30. f. 8.

Crassina ovata, *Brown* (not *Smith*), *Edinb. Journ. N. & G. Sc.* i. 12. t. 1. f. 8, 9; *Ill. Conch. G. B.* 96. t. 35. f. 12, 13.

Crass. depressa, *Brown, Ill. Conch.* t. 18. f. 2; *Macgilliv. Moll. Aberd.* 260.

? *C. semisulcata*, *Jeffreys, MSS. Conch. Mag.* 44 (not *Leach, Ross's Voy.*); *Lovèn, Ind. Moll. Skand.* 37 (from type); *Möller, Ind. Moll. Græn.* (from type); *Philippi, Abbild. und Bes.* ii. 57, *Astarte*, t. 1. f. 10.

C. Gairensis, *Nichol, MSS.*

C. sulcata, *Nilsson* (not *Maton*, *Turton*, nor *Lamk.*), *Nov. Act. Holm.* 1822, 187. t. 2. f. 1, 2.

Astarte semisulcata, *Lovèn*, 37. 274.

a (*Crassina Gairensis*, *Nichol*). Loch Gair. Presented by W. Nichol, Esq.

4. ASTARTE SEMISULCATA.

Crassina semisulcata, *Leach, in Ross's Voy. App.* 175, not *Lovèn*.

C. arctica, *Gray, Append. Parry's Voy.* (from types); *Hanley, Rec. Shells*, i. 88.

Astarte borealis, *Philippi, Abbild. und Bes.* ii. 58, *Astarte*, t. 1. f. 11; *M^cAndrew & Forbes, Ann. N. H.* 1847, xix. 98; *Forbes, M. G. S.* i. 412. 37.

Venus borealis, Chemn. (not Linn.) *Conch. Cab.* vii. t. 39. f. 412 (fide Lovèn).

Venus compressa, Mont. *Test. Brit. Supp.* (not descr.) t. 26, lower f. 1, 1.

Crassina borealis, Nilsson, *Nov. Act. Holm.* 1822, 188. t. 2. f. 3, 4; *Philippi, Abbild.*

Astarte cyprinoides, Duval, *Rev. Zool.* 1841, 278; Hanley, *Rec. Shells, Supp.* t. 14. f. 40.

A. plana, Sow. *M. C.* t. 179. f. 2.

Astarte compressa, Macgilliv. *Moll. Aberd.* 261; Thorpe, *Brit. Mar. Conch.* 247.

Crassina Withami, Brown & Smith, *Wern. Mem.* viii. t. 1. f. 24, 25.

Crassina compressa, Brown, *Ill. Conch. G. B.* 96. t. 38. f. 4, 5.

Crassina corrugata, Brown, *l. c.* 96. t. 40. f. 24.

Astarte corrugata, Lovèn, *Ind. Moll. Skand.* 37 (from type).

Astarte arctica, Forbes & Hanley, *Brit. Moll.* i. 461. t. 30. f. 7.
a (single dead valve). Scotland. Dr. Fleming.

5. ASTARTE COMPRESSA.

Venus compressa, Mont. *T. B. Supp.* 43. t. 26. f. 1.

Cyprina compressa, Turt. *Biv.* 137. t. 11. f. 22, 23.

Astarte compressa, Flem. *B. A.* 440 (not Macgilliv.); Forbes, *M. G. S.* i. 413. 41; Forbes & Hanley, *Brit. Moll.* i. 464. t. 30. f. 1-3.

Crassina compressa, Thorpe, *Brit. Mar. Conch.* 80.

Venus Montagu, Dillw. *R. S.* i. 167; Turt. *Conch. Dict.* 243; *Ind. Testac.* t. 7. f. 19.

Crassina Montagu, Gray, *Ann. Phil.* 1825, 136; Hanley, *Rec. Shells*, i. 88.

Venus montacuta, Turt. *C. Dict.* 243.

Astarte multicostata, Macgilliv. *Aberd.* 260 (not Smith, *Wern. M.*); *Philippi, Abbild. und Besch.* ii. 59, *Astarte*, t. 1. f. 8.

Crassina obliqua, Brown, *Ill. C.* t. 18. f. 6.

Crassina convexiuscula, Brown, *Ill. C.* t. 18. f. 7.

Astarte striata, Brown, *Ill. C.* t. 18. f. 8, ed. 2. 96. t. 38. f. 6-8; Lovèn, *Ind. Moll. Skand.* 37.

A. angulata, Woodward, *Geol. Norf.*

Astarte Banksii, Lovèn (not Leach nor Hanley), *Ind. Moll. Skand.* 38 (from specimens).

a—e. Oban and Inverary.

f—h. Scotland.

i (*Crassina obliqua*, Brown). Firth of Forth.

j (*Crassina convexiuscula*, Brown). Firth of Forth.

k—o. Coast of Northumberland.

r, s. Cullercoats, Northumberland. Presented by J. Fryer, Esq.

t. Firth of Forth (*Astarte striata*, *Brown*).

u—z, var. Oban.

a a, b b. Berwick on Tweed. Presented by Dr. George Johnston.

c c—n n. Firth of Forth.

o o—r r, var. ? Hebrides. Presented by R. M'Andrew, Esq.

s s—w w (*Crassina triangularis*). Britain.

6. ASTARTE STRIATA.

Nicania striata, *Leach*, *Ross's Voy. App.* 170 (1819).

Crassina striata, *Gray*, *Zool. Beechey's Voy.* t. 44. f. 9 (fide spec.).

(? *Astarte*) *striata*, *Möller* (not *Sowerby*, 1822); *Lovén*, *I. M.* 37. 276.

Astarte multicostata, *Smith*, *Wern. Mem.*; *Macgilliv. Moll. Aberd.* 260; *Philippi*, *Abbild.* ii. 59. t. 1. f. 8.

Cyprina compressa, *Turton*, *Biv.* 137 (not *Montagu*).

Astarte pulchella, *Jon.*

Inhab. — ?

7. ASTARTE TRIANGULARIS.

Mactra triangularis, *Mont.* *T. B.* 99. t. 3. f. 5; *Ind. Test.* t. 6, *Mactra*, f. 28; *Leach*, *Ann. & Mag. N. H.* xx. 273; *Mat. & Rack. Linn. Trans.* viii. 72; *Turt. Conch. Dict.* 82; *Brit. Faun.* 155. no. 245; *Dillw. Rec. Shells*, i. 143.

Goodallia triangularis, *Turt. Biv.* 77. t. 6. f. 14; *Flem. B. A.* 429; *Macgilliv. Moll. Aberd.* 290; *Thorpe*, *Brit. Mar. Conch.* 49.

Crassina triangularis, *Gray*, *Ann. Phil.* 1825.

Macrina triangularis, *Brown*, *Ill. C.* t. 16. f. 25, ed. 2. 108. t. 40. f. 25.

Astarte triangularis, *Jeffreys*, *Ann. N. H.* viii. 166; *Forbes & Hanley*, *Brit. Moll.* i. 467. t. 30. f. 4, 5.

Mactra minutissima, *Mont. T. B. Supp.* 37; *Turt. Conch. Dict.* 83; *Dillw. Rec. Shells*, i. 143.

Goodallia minutissima, *Turt. Biv.* 77. t. 6. f. 15; *Flem. B. A.* 429; *Macgilliv. Moll. Aberd.* 290; *Thorpe*, *Brit. Mar. Conch.* 50.

Crassina minutissima, *Gray*, *Ann. Phil.* 1825.

Macrina minutissima, *Brown*, *Ill. C.* ed. 2. 108. t. 42. f. 25, 26.

a—d (*Mactra triangularis*). Britain. *Mus. Mont.* ?

e—m. Scotland.

n—t. Britain.

u—z. Hebrides. Presented by R. M'Andrew, Esq.

Fam. 2. GLOSSIDÆ.

Glossidæ, Gray, *Proc. Zool. Soc.* 1848, 195.

Glossus or Glossoderma, *Poli, Test. Sicil.*

Isocardiadæ, Gray, *Syn. B. M.* 1840 ; 1842, 80, 91.

Les Cardiacées, part., *Lamk. Cours*, 106, 1812 ; *Hist.* vi. 30, ed. 2. vi. 385.

Bucardes ou Cardiacés, part., *Féruss. Prod.* 43.

Cardiacea, part., *Menke, Syn.* 109 ; *Alton, Verz. Conch.* 12.

Camacés, § 2, *Rang, Man. Moll.* 300.

Veneridia Isoperia, *Rafin.* 1815.

Veneriadæ, part., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* 1847, xx. 272.

1. GLOSSUS.

Glossus or Glossoderma (Cor), *Poli, Test. Sicil.* ii. 114, 253, 1795 ; *Oken, Zool.* 1815 ; *Blainv. D. S. N.* xix. 74 ; *Gray, P. Z. S.* 1848, 195.

Isocardia (Cor), *Lamk. Prod.* 1799 (not *Klein*, 1753), *Syst.* 118, 1801 ; *Phil. Zool.* 1809 ; *Hist.* vi. 30. 1819, ed. 2. vi. 443 ; *Cuvier, Anat. Comp.* 1800 ; *Règn. Anim.* ; *Roissy, Moll.* vi. 381 ; *Desh. E. M.* iii. 321 ; *Flem. B. A.* 408, 419 ; *Swains. Malac.* 374 ; *Leach, Ann. & Mag. N. H.* xx. 272 ; *Forbes & Hanley, Brit. Moll.* i. 472.

Isocardium, *Risso, Eur. Merid.* iv. 331 ; *Blainv. Malac.* 545.

Bucardium (Cor), *Muhlf. Entw.* 52. 1811, not *D'Argenv.* 1757.

Bucardia, *Lister, Coch. Ang.* 1678.

Concha cordiformis, *Gualter.*

Cardita, sp. (Cor), *Brug. E. M.* i. 403.

Trapezium, sp., *Humph. Mus. Calonn.*

1. GLOSSUS COR.

Cardium humanum, *Linn. S. N.* ed. 10. 682.

Chama Cor, *Linn. S. N.* ed. 12, 1137 ; *Mus. Ulric.* 516 ; *Chemn. Conch. Cab.* vii. t. 48. f. 483 ; *Mont. T. B.* 134, 578, *Supp.* 50 ; *Dillw. Rec. Shells*, i. 212 ; *Don. B. Shells*, iv. t. 134 ; *Laskey, Mem. Wern. Soc.* i. t. 8. f. 7 ; *Turt. Conch. Dict.* 32. t. 17 ; *Brit. Faun.* 160. no. 281 ; *Brown, Mem. Wern. Soc.* ii. 511 & 535 ; *Ind. Test.* t. 9, *Chama*, f. 1 ; *Born, Mus. Cæs.* 80 ; *Poli, Test. Sic.* ii. 213. t. 23. f. 1-3.

Isocardia Cor, *E. M.* t. 232. f. 1 ; *Lamk. Hist. A. s. V.* v. 2nd ed. vi. 445 ; *Turton, Biv.* 193. t. 14 ; *Desh. Enc. Méth. Vers*, ii. 321, & *Elem. Conch.* t. 23. f. 10, 11 ; *Reeve, Conch. Syst.* t. 78. f. 1, 2 ; *Hanley, Rec. Shells*, i. 150. t. 9, *Chama*, f. 1 ; *Thorpe, Brit. Mar. Conch.* 100 ; *Blainv. Man. Malac.* t. 69. f. 2 ; *Crouch. Introd. Conch.* t. 8. f. 7 ; *Flem. Brit. An.* 419 ; *Bulwer, Zool. Journ.*

ii. 258; *Supp.* t. 15 (animal); *Sow. Gen. Shells*, *Isocard.* f. 1, 2; *Philippi, Moll. Sic.* i. 56 & ii. 41; *Brown, Ill. C. G. B.* t. 23, 24, 2nd ed. 86. t. 30. f. 9, t. 30*. f. 5; *Leach, Ann. & Mag. N. H.* xx. 1847, 272; *Lovèn, I. M.* 36; *Forbes & Hanley, Brit. Moll.* i. 472. t. 34. f. 2; t. N. f. 6 (animal).

Cardita Cor, Bruguière, Enc. Méth. Vers, i. 403.

Glossus rubicundus=*Glossoderma Cor, Poli*, ii. 253, 258.

Isocardia Hibernica, Bulwer, Zool. Journ.; *Reeve, Conch. Icon. Isocard.* t. 1. f. 4.

Lister, Hist. Conch. t. 275; *Gualtieri, Ind. Test.* t. 71. f. E; *Ginanni, Op. post.* ii. t. 19. f. 129; *Knorr, Delic. des Yeux*, pt. vi. t. 8. f. 1.

a. Bantry Bay. Presented by S. Drummond, Esq.

b, c. Falmouth. Presented by W. P. Cocks, Esq.

d. Cork. Presented by Miss Elliot.

e. Dublin Bay. Presented by J. Warren, Esq.

f. North Foreland. Mus. Mont.

Fam. 3. LUCINIDÆ.

Lucinidæ, Gray, Syn. B. M. 1840; 1842, 80, 91; *Proc. Zool. Soc.* 1848, 195; *Rev. Zool.* 1844, 449; *D'Orb. Moll. Canar.* 1837; *Pat. Franç.* 1845; *Forbes & Hanley, Brit. Moll.* ii. 41.

Lucinadæ, Fleming, B. A. 409, 441, 1828.

Loripes or *Loripoderma, Poli, Test. Sicil.*

Les Mactracées, part., and *Les Conques*, part., *Lamk. Cours*, 107, 1812.

Les Nymphacées, part., *Lamk. Hist.* v. 509, ed. 2. vi. 165; *Féruss. Prod.* 43.

Conchacés, § 2, part., *Rang, Man. Moll.* 302.

Nymphacea, part., *Menke, Syn.* 111.

Lucinacea, part., *Alton, Verz. Conch.* 12, 1839.

Tellinina, part., *Macgilliv. Moll. Aberd.* 215.

Lucineæ (*Les Lucines*), *Desh. Ency. Méth.* iii. 1830; *Herrmannsen, Ind.* 630.

Veneriadæ, part., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.

1. LUCINA.

Lucina (Jamaicensis), *Brug. E. Méth.* t. 284, 1792 (not *Meigen*); *Lamk. Prod.* 1799; *Syst. A. s. V.* 124, 1801; *Ann. Mus.* vii. 236; *Phil. Zool.* 1809; *Hist. A. s. V.* v. 538, ed. 2. vi. 219; *Cuvier, R. A.* 1817; *Sow. Gen.*; *Flem. B. A.* 441, 1828; *Blainv. Malac.* 550, 1825; *Rang, Man.* 308; *Desh. E. M.* iii. 371; *D'Orb. Moll. Canar.*; *Swainson, Malac.* 371; *Valenc. Comptes Rendus*, xx. 23, 1845; *Ann. & Mag. N. H.* xvi. 41; *Forbes & Hanley, Brit. Moll.* ii. 43.

- Phacoides (Jamaicensis), *Blainv. Malac.* 1825.
 Lucina (Pensylvanica), *Schum. Essai*, 164, 1817.
 Tridonta (borealis), *Schumach. Essai*, 146, 1817; *Schmidt. Mus. Goth.*; *Möller, Isis*, 1822, 135.
 Triodonta (borealis), *Agassiz, Nomenclat.*
 Thyatira (lactea), *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 372.
 Thiatira (spuria), *Leach, MSS.* 1819.
 Thiatyra (spuria), *G. Sow. Man. Moll.*
 Strigilla (divaricata), *Turton, Bivalves*, 117.
 Strigella divaricata, *Gray, Syn. B. M.* 1842, 91; *Proc. Z. S.* 1847, 195 (misprint).
 Cyrachæa (spinifera), *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272.
 Cyrachnæa (spinifera), *Leach, MSS.* 1819; *Gray, Ann. & Mag. N. H.* 1848; *Proc. Z. Soc.* 1847, 195 (misprint).
 Myrtea (spinifera), *Turton, Bivalves*, 133, 1822; *Flem. B. A.* 443; *Philippi, Moll. Sicil.* ii. 25; *G. Sow. Man.* ed. 2. 197.
 Ortygia, sp. (spinifera), *Brown, Ill. Conch. G. B.*

* TRIODONTA.

1. LUCINA BOREALIS.

- Venus borealis, *Linn. S. N.* ed. 12. 1134. no. 143 (not *Syn.*); *Donov. B. S.* iv. t. 130.
 Tellina radula, *Mont. T. B.* 68. t. 2. f. 1, 2—567; *Wood, Gen. Conch.* 183. t. 42. f. 4, 5; *Linn. Trans.* viii. 84; *Turt. Conch. Dict.* 175; *Brit. Faun.* 151. no. 211; *Ind. Test.* t. 4. f. 71.
 Lucina radula, *Lamk. Hist.* ed. 2. vi. 225; *Flem. Brit. An.* 441; *Turton, Biv.* 116; *Hanley, Rec. Shells*, 75; *Thorpe, Brit. Mar. Conch.* 73; *Brown, Ill. Con. G. B.* 98. t. 39. f. 8, 9; *Philippi, Moll. Sic.* i. 35. t. 3. f. 17, ii. 25; *Gould, Invert. Mass.* 69; *Macgill. Moll. Aberd.* 255; *Forbes, M. G. S.* i. 412. 34.
 Lucina alba (young), *Turt. Brit. Biv.* 114. t. 7. f. 6, 7; *Thorpe, Brit. Mar. Conch.* 72.
 Venus spuria, *Gmel. S. N.*; *Chemn.* vii. f. 399; *Dillw. R. S.* 194.
 Lucina antiquata, *Sow. M. C.* t. 557. f. 2.
 Lucina borealis, *Forbes & Hanley, Brit. Moll.* ii. 46. t. 35. f. 5; t. M. f. 6, animal.
 Thyatira (Loripes) radula, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272.
 a—h. }
 i—t. } Britain.
 u. Bantry Bay. Presented by Miss Warne.
 v. Ireland.
 w. Teignmouth. Presented by J. B. Harvey, Esq.
 x—z? Northumberland.

** STRIGILLA.

2. LUCINA DIVARICATA.

Tellina divaricata, Linn. ed. 12. 1120; Chemn. f. 129; Wood, G. Conch. 195. t. 46. f. 6 (not Turt. Conch. Dict. 178); Spengler, Skrivt. Nat. Selsk. iv. pt. 2. 117 (not vars.).

Lucina divaricata, Thorpe, Brit. Mar. Conch. 76; Forbes & Hanley, Brit. Moll. ii. 52. t. 35. f. 3.

L. arcuata, Flem. Brit. An. 442.

Cardium arcuatum, Mont. (not Reeve) T. B. 85. t. 3. f. 2; Linn. Trans. viii. 67; Wood, Gen. Conch. 213.

Lucina commutata, Philippi, i. 32. t. 3. f. 15, ii. 25.

Loripes? divaricatus, Scacchi, Cat. i. 5.

Inhab. Falmouth Harbour; sand.

*** MYRTEA.

3. LUCINA SPINIFERA.

**Venus spinifera*, Mont. T. B. 577. t. 17. f. 1; Linn. Trans. viii. 78; Turt. Conch. Dict. 231; Brit. Faun. 160. no. 279; Dillw. Rec. Shells, i. 163; Ind. Test. t. 7. f. 11.

Lucina spinifera, Jeffreys, Conch. Mag. 43; Ann. Nat. Hist. xix. 313; Thorpe, M. C. 74. f. 23; Macgilliv. Moll. Aberd. 255; Hanley, Rec. Shells, i. 78; Philippi, Moll. Sic. ii. 25; Lovèn, I. M. 38. 280; Forbes & Hanley, Brit. Moll. ii. 49. t. 35. f. 1.

Myrtea spinifera, Turt. Biv. 133.

Ortygia spinifera, Brown, Ill. C. t. 20. f. 15, 16.

Lucina hiatelloides, Philippi, Sic. i. 32; Basterot.

Venus myrtea, Turt. Brit. Biv. 133; Flem. Brit. An. 433; Brown, Ill. Conch. G. B. 98. t. 36. f. 15, 16, & t. 39. f. 14.

Cyrachæa spinifera, Leach, MSS. 1818, Ann. & Mag. N. H. 1847, xx. 272; Gray, P. Z. Soc. 1847.

a, b. Bantry.

c. Dublin Bay. Presented by T. Warren, Esq.

**** CLAUSINA.

4. LUCINA FERRUGINOSA.

Kellia ferruginosa, Forbes, Brit. Assoc. Rep. 1843, 192.

Clausina ferruginosa, Jeffreys (not Brown), Ann. N. H. xx. 18, 1847.

Clausina abyssicola, Jeffreys (not Forbes), Ann. Nat. Hist. xx. 18.

Clausina Croulinensis, Jeffreys, Ann. N. H. xx. 19.

Cryptodon ferruginea, Alder, MSS.

Artemis? ferruginosa, Jeffreys, Ann. & Mag. N. H. xix. 1847, 313.

Lucina ferruginosa, Forbes & Hanley, Brit. Moll. ii. 60. t. 34. f. 1 (magnified).

a—s. Inverary.

2. DIPLODONTA.

Mysia, part. (rotundata), *Leach*, MSS. 1818, *Ann. & Mag. N. H.* xx. 272; *Brown*, *Ill. Conch. G. B.* 1827; *Conrad*, *Tert. Foss.* 30, 1838; *Gray*, *Syn. B. M.* 1840; *P. Z. S.* 1847, 195; *Menke*, *Syn.* ed. 2. 112, 1830; *Desh. E. M.* iii. 593.

Psammobia, sp., *Fleming*, *B. A.* 438.

Diplodonta, sp. (rotundata), *Philippi*, *Sicil.* i. 31, 1836, ii. 24, 1844; *Forbes & Hanley*, *Brit. Moll.* ii. 66.

? *Egeria*, sp., *Lea*, *Contrib. Geol.* 49, 1833.

Loripes, sp., *Cuvier*, *R. A.*

Diplodonta (*Lupinus*), *Bronn*, *Ital. Tertiargeb.* 9, 1831; *Leth.* 962, 1838; *Nyst*, *Coq. Foss. Belg.* 138, 1846.

? *Sphærella* (subreflexa), *Conrad*, *Tert. Foss.* 1838.

1. DIPLODONTA ROTUNDATA.

Tellina rotundata, *Mont. T. B.* 71. t. 2. f. 3; *Linn. Trans.* viii. 56; *Dorset Cat.* 30. t. 5. f. 8; *Turt. Conch. Dict.* 176; *Brit. Faun.* 151. no. 214; *Wood*, *Gen. Conch.* 187; *Dillw. Rec. Shells*, i. 99; *Ind. Test.* t. 4. f. 77.

Psammobia rotundata, *Flem. B. A.* 438.

Lucina lactea?, *Desh. E. M. Vers*, ii. 374.

Lucina rotundata, *Turt. Biv.* 104. t. 7. f. 3; *Thorpe*, *Brit. Mar. Conch.* 73; *Desh. Exp. Morée*; *Brown*, *Ill. Conch. G. B.* 98. t. 40. f. 11; *Hanley*, *Rec. Shells*, i. 76.

Tellina undata, *Pulteney*, *Dorset*, 30.

Mysia undata, *Leach*, MSS. 1818.

M. rotundata, *Brown*, *Ill. C.* t. 16. f. 11.

M. Montagu, *Leach*, MSS. 1818, *Ann. & Mag. N. H.* xx. 1847, 272.

Diplodonta rotundata, *Philippi*, *Sic.* ii. 24; *Forbes & Hanley*, *Brit. Moll.* ii. 66. t. 35. f. 6; t. M. f. 7, animal.

D. dilatata, *Philippi*, i. 31. t. 4. f. 7.

Loripes rotundata, *Cuv. Reg. An.* ed. *Croch.* t. 103. f. 4.

Venus fragilis (fossil), *Nyst & West*, *Bull. Brux.* vi. 401. t. 3. f. 11.

a—e. Tenby.

f—j. Dublin Bay. Presented by T. Warren, Esq.

k, l. Bantry Bay.

m. Ditto. Presented by Miss Warne.

n—t. Tenby.

3. THYATIRA.

Thyatira, part. (flexuosa), *Leach*, MSS. 1818, *Ann. & Mag. N. H.* xx. 1847, 272; *Jeffreys*, *Conch. Mag.*

Thyasira (flexuosa), "*Leach*," fide *Lamk. Hist.* vi. 492, 1818, ed. 2. vi. 228; *Gray*, *P. Z. S.* 1847, 195.

Thyaseira (flexuosa), "Leach," fide *Blainv. Dict. Sci. Nat.* liv. 333.

Thiatyra (flexuosa), *Sow. Conch. Man.* ed. 2. 274. 1842.

Bequania (flexuosa), *Leach*, fide *Brown, Ill. Conch. G. B.*

Cryptodon (flexuosa), *Turton, Bivalves*, 121, 1822 (not *Conrad*, 1837); *Flem. B. A.* 442, 1828; *Möller, Ind. Moll. Græn.* 20, 1842; *Macgilliv. Moll. Aberd.* 215.

Ptychina (flexuosus), *Philippi, Moll. Sicil.* i. 15, 1836.

Ptychine (flexuosus), *Agassiz, Nomenclat. Zool.* 1846 (misprint).

Axinus (sp.), *J. Sow. Min. Conch.* t. 314, 1823.

Axinus (flexuosus), *King, Ann. & Mag. N. H.* xiv. 1844, xviii. 242; *Lovèn, Ind. Moll.* 38; *G. Sow. Man. Moll.* ed. 2. 78.

Tellina, sp., *Mont. T. B.*

Amphidesma, sp., *Lamk. Hist.*

Lucina, sp., *Fleming, B. A.*; *Lamk. Hist.*

1. THYATIRA FLEXUOSA.

Tellina flexuosa, *Mont. T. B.* 72; *Dillw. R. S.* i. 100; *Wood, G. Conch.* 188. t. 47. f. 7, 8; *Linn. Trans.* viii. 56; *Turt. Conch. Dict.* 177; *Ind. Test.* t. 4. f. 78.

Venus sinuosa, *Donov.* (not *Penn.*), *Brit. Shells*, ii. t. 42. f. 2.

Lucina sinuata, *Lamk. H. N.* 16. ed. 2. vi. 230; *Hanley, Rec. Shells*, i. 77.

L. sinuosa, *Thorpe, Brit. Mar. Conch.* 74.

Lucina flexuosa, *Flem. B. A.* 442; *Gould, Inv. Mass.* 71. f. 52; *Forbes, M. G. S.* i. 411. 32; *Forbes & Hanley, Brit. Moll.* ii. 54. t. 35. f. 4.

Cryptodon flexuosa, *Turt. Biv.* 121. t. 7. f. 9, 10; *Macgill. Moll. Aberd.* 278; *Brown, Ill. Conch. G. B.* 99. t. 39. f. 4, 5.

Amphidesma flexuosa, *Lamk. Hist.* 2nd ed. vi. 128.

Thyasira flexuosa, "Leach," *Lamk. Hist.*

Thyatira flexuosa, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Jeffreys, Conch. Mag.* 42.

Ptychina biplicata, *Philippi, Sic.* i. 15. t. 2. f. 4, ii. 11.

Axinus flexuosus, *Lovèn, I. M.* 38. 281; *King, Ann. N. H.* xviii. 242.

"*Bequania flexuosa*, *Leach*," *Brown, Ill. Conch.*

a—i. Britain.

j—m. Ditto.

n—v. Dublin Bay. Presented by T. Warren, Esq.

4. LORIPES.

Loripes or *Loripoderma (lactea)*, *Poli, Test. Sicil.* i. 31, 1791, ii. 253, 1795; *Cuvier, R. A.* iii.; *Féruss. Tabl. Syst.* 43, 1821; *Blainv. Man.* 551; *Flem. B. A.* 409, 430; *Swains. Malac.* 371; *Gray, Proc. Z. S.* 1847, 195.

Ligula (lactea), *Menke, Syn. ed. 2.* 121, 1830, not *Montagu*, 1808, nor *Leach*, 1818.

Tellina A. (lactea), *Megerle, Entw.* 1811.

Thyatira, sp., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* 1847, xx. 272.

Taras (antiquatus), *Risso, Eur. Merid.* iv.

Ungulina (oblonga), *Daudin, in Bosc. Hist. Conch.* iii. 76, 1802; *Roissy, Moll.* vi. 374; *Lamk. Phil. Zool.* 1809; *Hist. A. s. V.* v. 488, 1818, ed. 2. vi. 120; *Sow. Gen.*; *Blainv. Man.* 562; *Desh. Ency. Méth.* iii. 1830, t. 664, 1832; *Ann. Sci. Nat.* 1842; *Ann. & Mag. N. H.* 1843; *Swainson, Malac.* 371, 1840; *Duvernoy, L'Institut.* 1841, 381, in *Wiegman. Arch.* 1842, ii. 404; *Gray, Syn. B. M.* 1842, 80, 91; *Proc. Zool. Soc.* 1847, 195.

1. LORIPES LEUCOMA.

Tellina lactea, *Mont. T. B.* 70. t. 2. f. 4 (not *Linn. S. N.* 1119); *Linn. Trans.* viii. 56; *Chemn. Conch. Cab.* f. 125; *Dillw. Rec. Shells*, i. 99; *Ind. Test.* t. 4. f. 76; *Pulteney Hutchins' Dorset*, 30; *Dorset Cat.* 30. t. 5. f. 9; *Poli*, t. 15. f. 28, 29; *Turt. Conch. Dict.* 176; *Brit. Faun.* 151. no. 213; *Wood, Gen. Conch.* 187.

Lucina lactea, *Lamk.* (not *Philippi*) *Hist.* 2nd ed. vi. 229; *Hanley, Rec. Shells*, i. 76; *Turton, Biv.* 112. t. 7. f. 4, 5; *Thorpe, Brit. Mar. Conch.* 71; *Thomps. Ann. N. H.* xviii. 385; *Brown, Ill. Conch. G. B.* 98. t. 39. f. 3.

Loripes lactea, *Flem. B. A.* 430; *Menke, Cat.*; *Macgilliv. Moll. Aberd.* 256?; *Brown, Ill. Con. G. B.* 98. t. 39. f. 29; *Blainv. Man. Malac.* t. 72. f. 1.

Amphidesma lucinalis, *Lamk.* 491, ed. 2. vi. 127 (fide *Philippi*).

Lucina Desmarestii, *Payr.* 44. t. 1. f. 19, 20.

Lucina Amphidesmoides, *Desh. E. M. Vers.* ii. 375.

Loripes orbiculatus=Loripoderma lactea, *Poli*, ii. 253, 258.

Ligula lactea, *Menke, Cat.*

Lucina leucoma, *Turton, Brit. Biv.* 113. t. 7. f. 8; *Thorpe, Brit. Mar. Conch.* 72; *Forbes & Hanley, Brit. Moll.* ii. 57. t. 35. f. 2 (as *L. lactea*).

Thyatira (loripes) lactea, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 1847, 272.

a—j. Tenby?

Fam. 4. UNIONIDÆ.

Unionidæ, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* 1847, xx. 272; *Flem. B. A.* 408, 1828; *Gray, in Turton's Man.* ed. 2. 288, 1840; *Syn. B. M.* 1840; 1842, 80, 91; *Proc. Zool. Soc.* 1847, 196; *Swains. Malac.* 259, 377.

Limnæa (Limnæoderma), *Poli, Test. Sicil.*

- (*A. lamellipedes*, *Lamk.*) = *Les Nayades* (and *Les Trigonées*, part.), *Lamk. Cour.* 106, 1812; *Hist.* v. 67, ed. 2. vi. 524.
Nayades, *Féruss. Prod.* 42.
Byssiferia limaridia, *Rafin.*
Pediferia, *Rafin. Mon. Biv. Ohio*, ed. *Chenu*; *Goldfuss.*
Pedifera, *Herrmanns. Ind.* ii. 225.
Naiadea, *Menke, Syn.* 105; *Anton, Verz. Conch.* 12, 1839.
Submytilacés, part., *Blainv. Man.*; *Rang, Man. Moll.* 293.
Mytilacés, part., *Goldfuss.*
Unionina, *Macgilliv. Moll. Aberd.* 207; *Agassiz, Nomencl.*
Uniodia, *Rafin. Mon. Biv. Ohio*, 1820, ed. *Chenu*; *Féruss. Tab. Syst.* 42, 1821.
Unioninæ, *Anodontinæ* and *Alasmodontinæ*, *Swains. Malac.* 377.
Unionidæ, part., *D'Orb. Pal. Franç. Tert. Cret.* iii. 124, 1844.
Limnoconchæ (*Les Lymnoconques*), part., *Blainv. Dict. Sci. Nat.* xxxii. 323, 1824; *Malac.* 538, 1825.
Anodontidia and *Alasmidia*, *Rafin. Mon. Biv. Ohio*, 1820, ed. *Chenu.*

1. ANODONTA.

- Anodonta* (*anatinus*), *Cuvier, Tab. Elem.* 1798; *Reg. Anim.* 1817; *Lamk. Prod.* 1799; *Syst.* 114, 1801; *Hist.* v. 1818, ed. 2. vi. 525, 562; *Drap. Hist.* 27. 20. 133, 1805; *Leach, MSS.* 1818, *Ann. & Mag. N. H.* 1847, xx. 272.
Anodontites (*anatinus*), *Brug. Journ. H. Nat.* i. 1792; *Ency. Méthod.* t. 201–205; *Duvernoy, Dict. Sci. Nat.* ii. 183, 1804.
Anodon (*anatinus*), *Oken, Lehrb. d. Zool.* i. 238, 1815 (not *Klein*); *Sow. Gen. t.* ; *Spix, Test. Bras.* 17; *Fleming, B. A.* 408, 415, 1828; *Turton, Bivalves*, 240; *Gray, Turton's Man.* ed. 2. 289; *Swains. Malac.* 381.
Limella (*anatinus*), *Rafin. Anal. Nat.* 1815.
Limnæa and *Lymnæoderma*, part., *Poli, Test. Sicil.*
Mytilus, § *a.* (*anatinus*), *Schum. Essai*, 1817.
Glochidium (*anatinus*, very young), *Rathke.*
Strophitus (sp.), *Rafinesque, Mon. Biv. Ohio.*
Lastena (sp.), *Rafinesque, l. c.*
Patularia (*ovata*), *Swains. Malac.* 1840.

1. ANODONTA CYGNEA.

- Mytilus cygneus*, *Linn. Syst. Nat.* ed. 12, 1158. &c. &c.; *Montagu, Test. Brit.* 170; *Turt. Conch. Dict.* 115.
Anodonta cygnea, *Drap. Moll. France*, t. 11. f. 6, t. 12. f. 1; *Thompson, Ann. N. H.* vi. 197; *Forbes & Hanley, Brit. Moll.* ii. 155.
Anodon anatinus, *Macgilliv. Moll. Aberd.* 241.
Lymnæa fusca, *Poli, Test. Sicil.* ii. 253–259.
Symphonota cygnea, *Lea, Obs. on Unio*, i. 70.

VAR. 1. *Cellensis*, Gray, *Turt. Man.* ed. 2. 289.

Mytilus Cellensis, *Schroeter, Flussconch.* t. 2. f. 1.

Mytilus Zellensis, *Gmel. S. N.* 3362, from *Schroet.*

Mytilus anatinus, *Penn. B. Zool.* ed. 4. iv. 97. t. 68. f. 79; *Mat. & Rack. Linn. Trans.* viii. t. 3 A. f. 1; *Sheppard, Linn. Trans.* xiii. t. 5. f. 5; *Flem. Edin. Encyclop.* vii. t. 204. f. 4; *Wood, Ind. Test.* t. 12, *Mytilus*, f. 33.

Anodonta sulcata, *Lamk. Hist. A. s. V.* v. 85, ed. 2. vi. 566; *Nils-son, Moll. Suec.* 113.

Anodon Cygneus, *Turton, Man.* ed. 1. f. 8, ed. 2, *Gray*, t. 1. f. 8; *Drap. Moll.* i. 12. f. 1?; *Brown, Ill. C. G. B.* t. 28. (erroneously 27) f. 1.

Anodonta cygnea, *Forbes & Hanley, l. c.* t. 41.

Anodonta Cellensis, *Pfeiff. Deutsch. Land & Sussw. Moll.* i. 110. t. 6. f. 1, ii. t. 6. f. 1-6; *Rossmas. Icon.* iv. 22. t. 19. f. 280; *Kuster, Chemn. Naiadea*, 16. t. A. f. 1, 2 (female), t. 4. f. 3, t. 5. f. 1-4, t. 6. f. 1 (male); *Sturm, Deutsch. Faun.* vi. abth. i. t. 5. f. 5, 6.

? *Anodon paludosus*, *Turton, Biv.* 240. t. 15. f. 6.

Distorted—*Mytilus dentatus*, *Turton, Dict.*

VAR. 2. *Stagnalis*, Gray, *Turt. Man.* ed. 2. 290.

Mytilus stagnalis, *Sow. Brit. Miscell.* t. 16, & *Brit. Mus.*; *Turton, Brit. Faun.* 165. no. 317; *Conch. Dict.* 115; ? *Dillw. R. S.* i. 316.

Anodonta cygnea, var. β . *stagnalis*, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.

VAR. 3. *Cygnea*, Gray, *Turt. Man.* ed. 2. 290, fig. p. 288; *Forbes & Hanley, l. c.* t. 40. f. 2. & t. Q. f. 3, 3 a, animal.

Mytilus cygneus, *Schroeter, Flussconch.* t. 3. f. 1; *Penn. B. Z.* ed. 4. iv. 96. t. 67. f. 78; *Donov. B. S.* ii. 55; *Mat. & Rack. Linn. Trans.* viii. t. 3 A. f. 2; *Sheppard, Linn. Trans.* xiii. t. 5. f. 3; *Wood, Ind. Test.* t. 12, *Mytilus*, f. 32; *Dillw. R. S.* 315; *Flem. Ed. Encyc.* vii. t. 205. f. 16.

Anodonta cygnea, *Pfeiff. Deutsch. Land & Sussw. Moll.* i. 111. t. 6. f. 4, ii. t. 6; *Rossmas. Icon.* i. 111. t. 3. f. 67, v. t. 25. f. 342; *Brard, Coq. de Paris*, t. 10; *Brown, Ill. C. G. B.* t. 28. f. 1; ? *Lamk. Hist.* vi. 564.

Mytilus stagnalis, *Schroeter, Flussconch.* t. 1. f. 1; *Gmel. S. N.* 3362 (from *Schroeter*).

Mytilus anatinus, var. β , *Sturm, Deutsch. Faun.* i.

VAR. 4. *Piscinalis*, Gray, *Turt. Man.* ed. 2. 290.

Mytilus macula, young, *Sheppard, Linn. Trans.* xiii. t. 5. f. 6.

Anodonta piscinalis, *Nils-son, Moll. Suec.* 113. no. 3; *Schroeter, Flussconch.* t. 3. f. 1?; *Drap. Moll. terr. et fluv.* t. 12. f. 2;

- Rossmas. Icon. t. 19. f. 281, t. 30. f. 416* var. *Kuster, Chemn. Naiadea, t. 3. f. 4, 5.*
- Anodonta ventricosa, Pfeiff. Land & Sussw. Moll. ii. 30. t. 3. f. 1-6; Kickx, Moll. Brab. 80.*
- VAR. 5. *Rostrata, Gray, Turt. Man. ed. 2. 291.*
- Anodonta rostrata, Kokeil, MSS. Rossmas. Icon. iv. t. 20. f. 284, xi. t. 54. f. 737; Held, Isis, 1836, heft iv. 280; Kuster, Chemn. Naiadea, 14. t. 4. f. 2.*
- Anodonta cygnea, var. rostrata, Brown, Ill. C. G. B. 81.*
- Anodonta Confervigera, Schlüter, Museum (fide Kuster).*
- VAR. 6. *Complanata, Gray, Turt. Man. ed. 2. 291, fig.*
- Anodonta complanata, Ziegler, MSS. Rossmas. Icon. i. 112. t. 3. f. 68, iv. 24. t. 20. f. 283; Kuster, Chemn. Naiadea, 12. t. 3. f. 2, 3.*
- Anodonta compressa, Menke, Syn. ed. 2. 106.*
- An. rhomboidea, Schlüter, Mus. (fide Kuster).*
- An. intermedia, Lamk. Hist. ed. 2. vi. 568; Pfeiff. Land & Sussw. Moll. i. 113. t. 6. f. 3, ii. t. 5. f. 1, 6; Kenyon, Mag. Nat. Hist. i. f. 188; ? Nilsson, Moll. Suec. 117.*
- VAR. 7. *Avonensis, Gray, Turt. Man. ed. 2. 291; Forbes & Hanley, l. c. t. 40. f. 3.*
- Anodonta ponderosa, Pfeiffer, Land & Sussw. Moll. ii. 31. t. 4. f. 1-6; Rossmas. Icon. iv. t. 20. f. 282; Kickx, Moll. Brabant, 81; Kuster, Chemn. Naiadea, 13. t. 4. f. 1.*
- Mytilus cygneus, var. β, Mat. & Rack. Linn. Trans. viii. t. 3 A. f. 3.*
- Mytilus incrassatus, Sheppard, Linn. Trans. xiii. t. 5. f. 4.*
- Mytilus Avonensis, Mont. T. B. 172; Turt. Conch. Dict. 116; Brit. Faun. 163. no. 319; Wood, Ind. Test. t. 12, Mytilus, f. 34.*
- Mytilus anatinus, var. Avonensis, Mat. & Rack. Linn. Trans. viii. t. 3 A. f. 4.*
- Anodon Avonensis, Turt. Brit. Biv. 241.*
- Anodonta cygnea, var. δ. Avonensis, Leach, MSS. Ann. & Mag. N. H. xx. 272.*
- Anodon cygneus, var. Avonensis, Brown, Ill. C. G. B. t. 29. f. 2.*
- Anodonta crassa, Marks, MSS. in Turt. Man. ed. 2. 202.*
- VAR. 8. *Gray, Turt. Man. ed. 2. 292.*
- Anodonta anatina, Pfeiffer, Land & Sussw. Moll. i. 112. t. 6. f. 2; Schroeter, Flussconch. t. 1. f. 3; Rossmas. Icon. t. 30. f. 417-420; Lamk. Hist. ed. 2. vi. 565; Flem. B. A. 415; Sow. Gen. fig.; Reeve, Conch. Syst. 1-91; Hanley, Rec. Shells, i. 216; Kuster, Chemn. Naiadea, t. 3. f. 6.*
- Anodonta cygnea, var. γ. anatina, Leach, MSS. 1818, Ann. & Mag. N. H. xx. 272.*

Mytilus anatinus, *Da Costa, Brit. Conch.* 215. t. 15. f. 2; *Mont. T. B.* 171; *Chemn. Conch. Cab.* viii. t. 86. f. 763; *Dillw. R. S.* i. 317.

Grand moule des étangs, *Geoff. Coq. Paris*, t. 3.

a—e (*A. Cellensis*). New River, near London.

f (*A. stagnalis*). England. From Mr. Sowerby's Collection.

g. (?) Warwickshire. Presented by Mrs. Corrie.

h—j (*A. cygnea*). New River, London, and Wiltshire.

k—q (*A. piscinalis*). Near Yarmouth, and River Bure, Norfolk.

r—w (*A. complanata*). England.

x—b b (*A. rostrata*). Liverpool.

c c (*A. anatina*). River Tay. Presented by Rev. Dr. Fleming.

d d, e e (ditto). Wiltshire. Presented by Miss Benett.

f f (ditto). Surrey Canal Docks.

g g—m m (?). River Brent, at Hendon, Middlesex.

n n (?). Tisbury, Wiltshire. Presented by Miss Benett.

o o—s s (*A. Avonensis*). Ditto. Ditto.

t t. Ditto. Ditto. Ditto.

2. MARGARITANA.

Margaritana (*margaritifera*), *Schum. Essai*, 123, 1817; *Lea, Trans. Amer. Soc.* vi. 1838; *Observ.* ii. 118, 134; *Swains. Malac.* 288, 382, 1840; *Troschel, Wiegman. Handb. Zool.* ed. 2. 587; *Gray, P. Z. S.* 1847, 196.

Unionidium (*margaritifera*), *Mus. Berl.* 1818.

Baphia, sp., *Meuschen, Mus. Gevers.* 1787.

Damalis (*margaritifera*), *Leach, MSS.* 1818, *Ann. & Mag. N. H.* 1847, xx. 273; *Swainson, Malac.*; *Gray, P. Z. S.* 1847, 196.

Damaris (*margaritifera*), *Leach, MSS.* 1818, in *Gray, Turton, Man.* ed. 2. 293 (misprint?).

Unio (*margaritifera*), *Oken, Zool.* 387, 1815; *Isis*, 1817, 1167; *Turton, Bivalves*, 249, 1822.

Unio, sp., *Lamk. Hist.* vi. 1818.

Mya, sp., *Linn. S. N.*

Unio (*littoralis*), *Lamk. Syst. A. s. V.* 114, 1801.

Potamida (*sinuata*), *Swains. Malac.* 1840.

Complanaria (*gigas*), *Swains. Malac.* 1840.

Uniopsis (*mytiloides*), *Swains. Malac.* 1840.

Alasmodonta (*undulatus*), *Say, Nicholson's Encyclopedia; Trans. Amer. Phil. Soc.* i. 459, 1820; *Desh. Ency. Méth.* ii. 14; *Férussac, Tab. Syst.* 1819.

Alasmidonta, *Rafin. Monog. Biv. Ohio*, 1829; *Blainv. Malac.* 630, 1825.

Anelasmodonta, *Herrmannsen, Ind.* 27.

Alasmodon (*margaritifera*), *Flem. Brit. Anim.* 417, 1828; *Gray,*

in *Turton, Man. ed. 2. 293*; *Sow. Man. ed. 2. 61*; *Swainson, Malac. 382, 1840.*

Alasmedonta, Gray.

Alasmesodonta, Blainv. Man. 1825.

Monodonta, Say, Nicholson's Encyc., Article Conchology, 1817
(not *Lamk. nor Bronn*).

Symphonota (alata), sp., Lea, Amer. Phil. Trans.

Lymnadea (alata), Swainson, Malac. 1840.

1. MARGARITANA MARGARITIFERA.

Mya margaritifera, Linn. Faun. Suec. ed. 2. 516; Syst. Nat. ed. 10. 671, & ed. 12. 1112; List. Conch. 149. f. 4; Schroet. Flusse. 168. t. 4. f. 1; Penn. Brit. Zool. ed. 4. iv. 67. t. 43. f. 18; Da Costa, Brit. Conch. 225. t. 15. f. 3; Donovan. Brit. Sh. iii. 73; Mont. Test. Brit. 33. 561; Mat. & Rack. Linn. Trans. viii. 40; Müller, Verm. 210; Turt. Conch. Dict. 106. f. 47; Brit. Faun. 146. no. 178; Chemn. Conch. Cab. vi. 15. t. 1. f. 5; Dillw. Rec. Shells, i. 52; Ind. Test. t. 2, Mya, f. 30.
Damalis margaritifera, Leach, MSS. 1818, Ann. & Mag. N. H. xx. 273.

*Unio margaritiferus, Retz. Nov. Gen. 16; Nilsson, 103. n. 1; Turton, Biv. 242. t. 16. f. 1; Man. ed. 1. 19. t. 2. f. 9; Forbes, Malac. Monens. 44; Spengler, Skrivt. Nat. Selsk. Kiøb. iii. pt. 1. 52; Hanley, Rec. Shells, i. 213; Forbes & Hanley, Brit. Moll. ii. 146. t. 38 (as *Alasmodonta margaritifera*).*

Unio margaritifera, Drap. 132. t. 10. f. 17-19, t. 11? f. 5?; Pfeiffer, i. 116. t. 5. f. 11; Nilsson, Moll. Suec. T. et Fl. 103; Kickx, Moll. Brab. 82; Rossmas. Icon. pt. i. 120. t. 4. f. 71-74, & pt. ii. t. 8. f. 129.

Unio sinuata, Lamk. H. vi. 70; Pfeiffer, ii. 33. t. 7. f. 4.

Alasmodonta arcuata, Barnes, Silliman's Journal, vi. 277. t. 12. f. 20; Gould, Inv. Mass. 113. f. 75.

Margaritana margaritifera, Lea, Trans. Amer. Phil. Soc. vi. 135.

Unio elongatus, Nilsson, 106. n. 2; Lamk. Hist. 2nd ed. vi. 531.

Unio elongata, Mich. Compl. 113. t. 16. f. 29; Gras, Moll. T. et Fl. France, App. 22.

Unio Roissyi, Mich. Compl. 112. t. 16. f. 28; Rep. Brit. Assoc. for 1838.

Unio margaritifera, forma Roissyi, Forbes, Malac. Mon. 44.

Alasmodon margaritiferum, Fleming, B. A. 417.

Alasmodon margaritiferus, Gray, Man. L. & F. W. Shells, 293. t. 2. f. 9; Thompson, Ann. Nat. Hist. vi. 197; Macgilliv. Moll. Aberd. 242; Brown, Ill. Con. G. B. 83. t. 30. f. 1-4, t. 31. f. 1, 2, t. 32. f. 13-15.

YOUNG. With small, posterior, lateral teeth like *Unio*.

Unio riparia, Pfeiffer, ii. t. 5. f. 13?

Unio margaritifera, Pfeiffer, ii. t. 7. f. 1.

a—d. River Conway, North Wales. Presented by Richard Williams, Esq.

e. Thornton Craven, Yorkshire. Presented by W. Gilbertson, Esq.

f, g. River Reed, Northumberland.

h, i. Aberdeen.

j, k. Aveton, Gifford River.

l. Loch Tay.

m. River Bann.

n. Shetland. Presented by R. T. C. Scott, Esq.

o. Britain, with pearls.

p—r (jun.). Britain.

3. UNIO.

Unio (pictorum), Retz. *Diss. Phys.* 16, 1788; *Brug. Journ. H. N.* i. 1792; *Encyc. Méth.* t. 247; *Spengler, Skrivt. N. Selsk.* iii. 53, 1783; *Schumacher, Essai*, 137, 1817; *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.

Mya (pictorum), *Humph. Mus. Calonn.* 1797.

Unionea (), *Rafin.* 1815.

Mysca (pictorum), *Turton, Bivalves*, 244, 1822; *Swains. Malac.* 276, 378.

Mysia (pictorum), *Gray, Proc. Z. S.* 1847, misprint (not *Leach*).

Baphia, § 1. (pictorum), *Meuschen, Mus. Gevers.* 1787.

Limnæa and *Limnæoderma* (pictorum), *Poli, Test. Sicil.*

Limnium or *Lymnium* (pictorum), *Oken, Lehrb. Naturg.* 1815.

Luticola (pictorum), *Goldfuss, in Agass. Nomen.* 1846.

Unio (mytiloides), *Swainson, Malac.* 267, 1840.

Cunicula (planulata), *Swains. Malac.* 267, 1840.

Curricula (planulata), *Gray, P. Z. S.* 1847 (misprint).

Ligumia (recta), *Swains. Malac.* 267, 1840.

Theliderma (metanera), *Swains. Malac.* 267, 1840.

Megadomus (gigas), *Swains. Malac.* 267, 1840.

Æglia (ovata), *Swains. Malac.* 267, 1840.

Calceola (calceolus), *Swains. Malac.* 267, 1840.

Hemiodon (undulatus), *Swains. Malac.* 267, 1840.

Niaa (ater), *Swainson, Elem.* 1837.

Naidea (ater), *Swainson, Malac.* 267, 1840.

Canthyria (spinosus), *Swains. Malac.* 267, 1840.

Iridea (granosus), *Swains. Malac.* 267, 1840.

Naia (corrugata), *Swains. Malac.* 267, 1840.

Hyridella (australis), *Swains. Malac.* 267, 1840.

Proptera, *Eurynia*, *Elliptio*, *Plagiola*, *Obovaria*, *Truncilla*, *Am-*

blema, and Pleurobema, *Rafinesque, Journ. Phys.* lxxxviii. 426, 1819.

Unio, Lampsilis, Metaptera, Truncilla, Obliquaria, Elliptio, Lep-
todea, Aximmedia, and Euryia, *Rafin. Monog. Biv. Ohio*, 1820,
ed. *Chenu*, 9.

1. UNIO PICTORUM.

Lister, Hist. Conch. t. 147. f. 3; *Enc. Méth. Vers*, t. 248. f. 4.

Mya pictorum, *Linn. S. Nat.* ed. 12. 1112; *Faun. Suec.* ed. 2.
516; *Sturm, Fauna*, vi. 2. f. a; *Wood, Conch.* 104. t. 19. f. 3, 4;
Schroet. Flussc. t. 4. f. 6; *Penn. Brit. Zool.* ed. 4. iv. 67. t. 43.
f. 17; *Da Costa, Brit. Con.* 228. t. 15. upper f. 4; *Mat. &
Rack. Linn. Trans.* viii. 38; *Dorset Cat.* t. 12. upper f. 4;
Turt. Conch. Dict. 106; *Brit. Faun.* 146. no. 179; *Dillw. Rec.
Shells*, i. 49; *Ind. Test.* t. 2, *Mya*, f. 26.

Unio pictorum, *Lamk. Hist.* v. 77, ed. 2. vi. 541; *Encyc. Meth.*
t. 248. f. 4; *Drap. Moll.* t. 11. f. 4; *Rossm. Icon.* t. 3. f. 71 a, b,
196, 409, 587-590, 741, 762-780; *Pfeiffer*, i. 115. t. 5. f. 9, 10,
t. 1. f. 17 (animal), & ii. t. 2. f. 24 (young); *Leach, MSS.* 1818,
Ann. & Mag. N. H. xx. 272; *Crouch, Intr. Conch.* t. 9. f. 4;
Kickx, Moll. Brab. 84; *Hanley, Rec. Shells*, i. 205. t. 2, *Mya*,
f. 26; *Flem. Brit. An.* 416; *Gray, in Turt. Man. L. & F. W.
Shells*, 295. t. 2. f. 11; *Brown, Ill. Con. G. B.* 81. t. 31. f. 7,
9-11; *Nilsson, Moll. Suec. T. et Fl.* 111; *Blainv. Man. Malac.*
67. f. 2; *Forbes & Hanley, Brit. Moll.* ii. 142. t. 39. f. 1; t. Q.
f. 2 (animal).

Unio rostratus, *Pfeiffer*, i. 114. t. 5. f. 8; *Alder, Mag. Nat. Hist.*
ii.; *Lamk. Hist.* 2nd ed. vi. 540; *Brown, Ill. Conch. G. B.* 82.
t. 32. f. 9, 10; *Kickx, Moll. Brab.* 83; *Michaud, Comp. Moll.
T. et Fl. France*, 108. t. 16. f. 55; *Gras, Moll. T. et Fl. France*,
71. t. 5. f. 21.

Limnæa fusca, *Poli, Test. Sicil.* ii. 253, 259.

Mysca pictorum, *Turton, Bivalves*, 245; *Man.* ed. 1. 20. f. 11.

Unio elongatula, *Pfeiffer*, ii. 35. t. 8. f. 5, 6.

Mya ovalis, *Donov. B. S.* iv. 89; *Mont. Test. Brit.* 34.

Unio limosus, *Nilsson, Moll. Suec. T. et Fl.* 110; *Rossmas. Icon.*
pt. iii. 24. t. 13. f. 199.

U. Deshayesii, *Michaud, Moll. T. et Fl. France*, 107. t. 16. f. 30;
Brown, Ill. Conch. G. B. 81. t. 32. f. 1-4; *Rossmas. Icon.*
pt. iii. 23. t. 13. f. 197; *Gras, Moll. Ter. et Fl. France, App.*

Unio longirostris, *Ziegler, in Rossmas. Icon.* pt. iii. 26. t. 14.
f. 200, & pt. xii. 13. t. 54. f. 38.

a—c. Newberry.

d—l. River Bure, Norfolk. Presented by the Rev. J. Bulwer.

m—t. Wednesbury, Warwickshire. Presented by Mrs.
Corrie.

- u.* Castle Cary. Presented by Miss Benett.
v, w. Yorkshire. Presented by W. Sewell, Esq.
x—z, var. (*U. rostrata*, Pfeiffer). Erpingham, Norfolk. Presented by the Rev. J. Bulwer.
aa—cc, var. (ditto). River Bure, Norfolk. Presented by the Rev. J. Bulwer.
dd—gg, var. (*U. elongatula*?). River Bure, Norfolk. Presented by the Rev. J. Bulwer.
hh (ditto). New River, London.

2. UNIO TUMIDUS.

- Unio tumidus*, Retzius, *Nov. Gen.* 17. n. 3; Gray, *Man. L. & F. W. Shells*, 297. t. 2. f. 13; Brown, *Ill. Conch. G. B.* 82. t. 32. f. 5–8; Spengler, *Skript. Nat. Selsk. Kiob.* iii. pt. i. 57; Kickx, *Moll. Brab.* 83; Hanley, *Rec. Shells*, i. 205. t. 2, *Mya*, f. 27; Forbes & Hanley, *Brit. Moll.* ii. 140. t. 40. f. 1.
U. tumida, Pfeiffer, ii. 34. t. 7. f. 2, 3; t. 8. f. 1, 2; t. 2. f. 25, young; Rossm. *Icon.* i. 117. t. 3. f. 70 *a, b*, ii. 27. t. 14. f. 202–204, vii. and viii. 41. t. 40. f. 542, xii. 32. t. 60. f. 772–778.
Mysca solida, Turton, *Bivalves*, 246. t. 16. f. 2; *Man.* ed. 1. 22. f. 13.
Mya ovata, Donovan, iv. t. 122; *Mat. & Rack. Linn. Trans.* viii. 39; *Turt. Conch. Dict.* 106; Wood, *Gen. Conch.* 105. t. 19. f. 5; *Ind. Test.* t. 2, *Mya*, f. 27; Dillw. *Rec. Shells*, i. 50.
Mya ovalis, Pulteney Hutchins' Dorset, 27 (fide Mont.); *Mont. Test. Brit.* 34; Turton, *Brit. Faun.* 146. no. 180?
Mya depressa, Donovan, *B. S.* iii. t. 101.
Mysca ovata, Turt. *Brit. Biv.* 246; *Man. L. & F. W. Shells*, ed. 1. 21. f. 12; Leach, *MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.
Unio ovalis, Fleming, *Brit. An.* 416; Brown, *Ill. Con. G. B.* 82. t. 31. f. 1–4; Sow. *Gen. Shells, Unio*, f. 1; Reeve, *Conch. Syst.* i. 87. f. 1; Gray, *Turton's Man. L. & F. W. Shells*, 297. t. 2. f. 12? (distorted specimen of *Unio tumidus*?).
a—e. Bath River.
f. York fosse. Presented by J. Phillips, Esq.
g, h. York. Presented by P. Carpenter, Esq.
i—n. Surrey Canal.
o—q. Britain.
r—v. New River, London.
w (jun.). Warwickshire. Presented by Mrs. Corrie.
x (polished specimen). Dock at Deptford.
y, z (elongated, white inside). Castle Ashby. Presented by the Marquis of Northampton.
aa (very elongated, light salmon-coloured inside). Castle Ashby. Presented by the Marquis of Northampton.

bb—ee (short, salmon-coloured inside). Castle Ashby. Presented by the Marquis of Northampton.

ff (very deep salmon-coloured inside). Herefordshire. Presented by G. Waterhouse, Esq.

gg—ii (light salmon-coloured inside). Wednesbury, Warwickshire. Presented by Mrs. Corrie.

jj, kk (var. distorted). River Thames.

ll (ditto). Presented by J. D. C. Sowerby, Esq.

Fam. 5. ARCADÆ.

Arcadæ, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Flem. Brit. An.* 382, 1828; *Gray, Syn. B. M.* 1840; 1842, 81, 91; *Proc. Zool. Soc.* 1847, 197.

Arcadæ, part., *Swains. Malac.* 382, 1840.

Axinea and Axinoderma, Daphnæa and Daphnæoderma, *Poli, Test. Sicil.*

Les Arcacées (Arcacea), *Lamk. Phil. Zool.* 318, 1809; *Cour.* 106, 1812; *Hist.* v. 33, ed. 2. vi. 451; *Blainv. Dict. Sci. Nat.* x. 216; *Sow. Conch. Man.* ed. 2. 72.

Arcacés, *Féruss. Prod.* 42; *Rang, Man. Moll.* 287.

Byssiferia, Limæridia and Pernaridia, part., *Rafin.*

Pectunculidæ, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* 1847, 272.

Arcacea, *Anton, Verz. Conch.* 12.

Arcina, part., *Macgilliv. Moll. Aberd.* 207.

Arca, *Linn. Syst. Nat.*

Arcæ, § 3. part., *Oken, Zool.* 1815.

Arcaria, *Gravenh. Thier.* 33, 1845.

Arcacidæ, *D'Orb. Pal. Franç.; Geinitz, Grund.*

Arcacææ, part., *Menke, Syn.* 60, 1828.

Arcadæ, part., *Forbes & Hanley, Brit. Moll.* ii.

Pogonopoda, part., *Gray, Lond. Med. Repos.* 1821.

Polydonta, *Blainv. Dict. Sci. Nat.* xxxii. 320, 1824; *Malac.* 535, 1825.

? Polybranchiata, *G. Sow. Conch. Man.* ed. 2. 233.

* ARCADÆ, *Leach.*

1. ARCA.

Arca, part., *Linn. S. N.* ed. 10. 1758, ed. 12. 1140, 1767; *Gmelin, S. N.* 3305, 1788; *Brug. Enc. Méth.* i. 92, 1789.

Arca (Noæ), *Lamk. Syst.* 115, 1801; *Hist.* ed. 2. vi. 457, 1818; *Rang, Man.* 287; *Desh. Ency. Méth.* iii. 553; *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Sow. Gen.; Conch. Man.* ed. 2. 71; *J. Sow. Min. Conch.* t. 44; *Blainv. Malac.* 535,

- 1825; *Gray, Med. Repos.* 1821; *Proc. Zool. Soc.* 1847, 197; *Forbes & Hanley, Brit. Moll.* ii. 233.
Arcaria (Noæ), *Rafinesque, Anal. Nat.* 1815.
Arca, § *a*, *D'Orbigny*.
Navicula (Noæ), *Hebenstr. Disser.* 1728? (not *Spix*); *Blainv. Dict. Sci. Nat.* x. 216, 1818; *Malac.* 535, 1825; *Anton, Verz.* 12, 1839.
Byssoarca, *Swainson, Zool. Illust. Elem.* 1835; *Malac.* 1840.
Daphnæa and *Daphnæoderma*, part., *Poli, Test. Sicil.* 1795.
Pectunculus (mesol), *Adanson, Seneg.* 1759.
Musculus polyleptoginglymus, *Klein, Ostrac.* 167, 1753.
Cyphoxis, sp., *Rafinesque, Journ. Phys.* lxxxvii. 247, 1819.
Litharca (*Lithodomus*), *Gray, Syn. Brit. Mus.* 1842, 81, 1844.

1. ARCA TETRAGONA.

- Arca tetragona*, *Poli, Test. Sicil.* ii. 137. t. 25. f. 12, 13; *Lamk. Hist.* 2nd ed. vi. 461; *Turt. Biv.* 167. t. 13. f. 1; *Forbes, Mal. Mon.* 41. t. 3; *Flem. B. An.* 398; *Brown, Ill. C.* ed. 2. 86. t. 33. f. 20, 21; *Reeve, Conch. Icon. Arca*, t. 15. f. 100; *Thorpe, Brit. Mar. Conch.* 102; *Philippi, Moll. Sic.* i. 57; *Hanley, Rec. Shells, Supp.* t. 19. f. 13; *Forbes & Hanley, Brit. Moll.* ii. 234. t. 45. f. 9, 10; t. P. f. 1, animal.
Arca Noæ, *Mont. T. B.* 139. t. 4. f. 3 (not *Linn.*); *Don. B. S.* v. t. 158. f. 1, 2; *Turt. Dict.* 9. f. 58; *Brit. Faun.* 161. no. 285; *Müller, Z. D.?*; *Couch, Corn. Faun.* pt. ii. 30; *Brown, Ill. Conch. G. B.* 86. t. 33. f. 1-3.
Arca cardissa, *Lamk. Hist.* 2nd ed. vi. 463; *Alder, Cat. Moll. North.* 79; *Delessert, Rec. Coq.* t. 11. f. 14; *Hanley, Rec. Shells*, i. 153.
A. tortuosa, *Penn.* (not *Linn.*) *B. Z.* iv. n. 57; *Borlase, Cornw.* t. 28. f. 15, 16.
A. papillosa, *Brown, Wern. Mem.* viii. t. 1. f. 19.
Daphnæa fusca, *Daphnæoderma* Noæ, *Poli*, ii. 258, 259.
A. navicularis, *Desh.* (not *Brug.*); *Lamk. Hist.* 2nd ed. vi. 462; *Philippi, Moll. Sic.* ii. 42; *Lovèn, I. M.* 33. no. 253.
A. Britannica, *Reeve, Conch. Icon. Arca*, t. 15. f. 98.
A. rhombea, *Couch, Corn. Faun.* pt. ii. 31.
Arca fusca, *Solander, MSS.*; *Don. B. S.* v. t. 158. f. 3 (not *Brug.*); *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Mont. T. B. Supp.* 51; *Turt. Conch. Dict.* 10; *Brit. Biv.* 166; *Flem. B. An.* 397; *Couch, Corn. Faun.* pt. ii. 30; *Thorpe, Brit. Mar. Conch.* 101; *Brown, Ill. C. G. B.* 86. t. 33. f. 4, 5.
A. imbricata, *Dillw.* i. 226 (not *Brug.*).
Balanus Bellonii, *List. Conch.* t. 367. f. 207.
a, b. Near Bantry.
c—k. Coast of Galway. Presented by G. B. Sowerby, Esq.
l—t. Dunbar. (*Mus. Mont.*?)

2. ARCA LACTEA.

Arca lactea, Linn. S. N. 1141; *Da Costa*, 171. t. 11. f. 5, 6; *Dorset Cat.* 36. t. 11. f. 5; *Mat. & Rack. Linn. Trans.* viii. 93; *Penn. B. Z.* ed. 1812, iv. 216. t. 61. f. 2; *Flem. B. An.* 398; *Mont. T. B.* 138; *Thorpe, Brit. Mar. Conch.* 102; *Turton, Brit. Faun.* 160. no. 284; *Dillw. Rec. Shells*, i. 236; *Don. B. S.* iv. t. 135; *Brown, Ill. Conch. G. B.* 86. t. 33. f. 6; *Lamk. Hist.* 2nd ed. vi. 467; *Mawe, Conchol.* t. 13. f. 4; *Costa, Test. Sic.* 46; *Philippi, Moll. Sic.* i. 57, ii. 42; *Hanley, Rec. Shells*, i. 154. t. 9, *Arca*, f. 24; *Reeve, Con. Icon. Arca*, t. 17. f. 116; *Forbes & Hanley, Brit. Moll.* ii. 238. t. 46. f. 1-3.

Pectunculus exiguus albus, *List. Conch.* t. 235. f. 69 A.

Arca Pennantii, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.

Arca barbata, *Penn.* (not Linn.) *B. Z.* iv. 84. no. 60. t. 58. f. 59 (fig. referred to *A. tortuosa*).

A. crinita, *Pulteney, Dorset*, 35 (t. 11. f. 5).

A. perforans, *Turt. Dict.* 9; *Bivalves*, 169. t. 13. f. 2, 3.

A. nodulosa, *Müller, Z. Dan.; Chem.* vii. f. 201 (not *Brocchi*).

A. lactea β , *Gmelin*.

A. scabra, *Poli, Test. Sicil.; Philippi, Moll. Sicil.*

A. modiolus, *Olivi*, 115; *Poli, Test. Sicil.* t. 25. f. 20, 21 (not *Gmelin*); *Costa, Test. Sic.* 45.

A. Quoyi, *Payr.* 62. t. 1. f. 40-43.

A. Gaimardi, *Payr.* 61. t. 1. f. 36-39; *Desh. Lamk. Hist.* 2nd ed. vi. 476; *Costa, Cat. Test. Sic.* 46; *Hanley, Rec. Shells*, i. 155; *Desh. Exp. Alger. Moll.* t. 124. f. 8, 11.

a-d. Guernsey.

e, f. Britain. Presented by Mrs. Robinson.

g-v. Britain.

3. ARCA RARIDENTATA.

Arca raridentata, *S. Wood, Mag. N. H.* (series 2.) iv. 232. t. 13. f. 4 (foss.); *Thompson, Ann. N. Hist.* xviii. 385; *Forbes & Hanley, Brit. Moll.* ii. 241. t. 45. f. 8.

Arca Pectunculoides, *Scacchi, Notiz.* 25. no. 62. t. 1. f. 12 (*Philippi*); *Jeffreys, Ann. Nat. Hist.* 1847, xix. 313; *Philippi, Moll. Sic.* ii. 44. t. 15. f. 8; *Lovén, Ind. Moll. Skand.*

a-c (odd valves). Hebrides. Presented by R. M'Andrew, Esq.

d-h. Isle of Skye. Presented by R. M'Andrew, Esq.

4. ARCA BARBATA.

Arca barbata, Linn. S. Nat. (not *Faun. Suec.*), ed. 12. 1140; *Born, Mus. Cæs.* 88; *Chemn. Conch. Cab.* vii. 187. t. 54. f. 535; *Dillw. Rec. Shells*, i. 229; *Brown, Wern. Trans.* ii. 512. t. 24. f. 3; *Blainv. Man. Malac.* t. 65. f. 1; *Brown, Ill. C. G. B.*

86. t. 33. f. 7; *Philippi*, *Moll. Sic.* i. 57, ii. 42; *Lamk. Hist.* 2nd ed. vi. 465; *Hanley*, *Rec. Shells*, i. 193. t. 9, *Arca*, f. 3; *Flem. B. An.* 398; *Poli*, *Test. Sicil.* ii. 135. t. 25. f. 6, 7; *Thorpe*, *Brit. Mar. Conch.* 102; *Reeve*, *Conch. Icon. Arca*, t. 13. f. 83; *Desh. Exp. Alger. Moll.* t. 119, anatomy; *Forbes & Hanley*, *Brit. Moll.* ii. 243.

A. reticulata, *Flem. B. A.* 168; *Turt. Conch. Dict.* 7; *Brit. Biv.* 168, 259.

Daphnæa fusca, *Daphnæoderma barbata*, *Poli*, ii. 255, 259.
Inhab. Lough Strangford. *Dr. Macgee*.

** PECTUNCULIDÆ, *Leach*.

2. AXINEA.

Axinæa (or *Axinea*) and *Axinoderma* (*pilosa*), *Poli*, *Test. Sic.* 1791; *Oken*, *Zool.* 1815; *Allg. Naturg.* v. 327, 1835.

Tuceta (*pilosa*), *Bolten*, *Mus.* 1798, ed. 2. 120, 1819.

Pectunculus (*pectunculus*), *Lamk. Prod.* 1799; *Syst.* 115, 1801; *Phil. Zool.* 1809; *Hist.* vi. 47, 1819, ed. 2. vi. 483; *Cuvier*, *Anat. Comp.* 1800; *Règn. Anim.* 1817, ed. 2. 1830; *Rang*, *Man.* 288, 1829; *Leach*, *MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Desh. E. M.* 111, 1830 (not *Lister*, nor *Adanson*, nor *Da Costa*); *J. Sow. Min. Conch.* t. 27, 1813; *G. Sow. Gen.; Conch. Man.* ed. 2. 218, 1842.

Glycimeris (*pectunculus*), *Humph. Mus. Calon.* 1797.

Pectunculus (*Glycimeris*), *Megerle*, *Entw.* 1811.

1. AXINEA GLYCIMERIS.

Lister, *Conch.* t. 247. f. 82 A; *Enc. Méth. Vers*, t. 310. f. 3.

Arca glycimeris, *Linn. S. N.* ed. 12. 1143; *Mus. Ulric.* 521; *Leach*, *MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Penn. B. Z.* t. 58. f. 58; *Turt. Conch. Dict.* 7; *Brit. Faun.* 160. no. 283; *Dillw. R. Shells*, i. 241; *Don. B. S.* ii. t. 37. f. 2; *Ind. Test.* t. 10, *Arca*, f. 36; *Wood*, *Linn. Trans.* vi. t. 18. f. 1, 2; *M. & R. Linn. Trans.* viii. 93. t. 3. f. 3; *Mawe*, *Conchol.* t. 13. f. 7.

Pect. glycimeris, *Turt. Bivalves*, 171. t. 12. f. 1 (not *Lamk.* nor *Philippi*); *Macgilliv. Moll. Aberd.* 238; *Thorpe*, *Brit. Mar. Conch.* 103; *Brown*, *Ill. C. G. B.* 85. t. 33. f. 8, 9; *Burrows*, *El. Conch.* t. 8. f. 7; *Crouch*, *Introd. Conch.* t. 8. f. 11; *Reeve*, *Conch. Icon. Pectunc.* t. 3. f. 12; *Forbes & Hanley*, *Brit. Moll.* ii. 245. t. 46. f. 4-7; t. P. f. 6, animal.

Arca pilosa, *Linn. S. N.* ed. 12. 1143; *Mat. & Rack. Linn. Trans.* viii. 93. t. 3. f. 4; *Pult. Dors.* 35; *Mont. T. B.* 136; *Supp.* 53; *Dorset Cat.* 36. t. 11. f. 2; *Turt. Conch. Dict.* 6; *Dillw. Rec. Shells*, i. 242; *Ind. Test.* t. 10, *Arca*, f. 37.

Pectunculus pilosus, *Lamk. Hist.* 2nd ed. vi. 448; *Turt. B. Biv.* 172. t. 12. f. 2; *Fleming, Edin. Enc.* vii. 97. t. 203. f. 18; *Brit. An.* 400; *Hanley, Thorpe, M. C.* xxix.; *Forbes, M. G. S.* i. 416. 64; *Malac. Monens.* 42; *Brown, Ill. C. G. B.* 85. t. 33. f. 10, 11; *Blainv. Man. Malac.* t. 65 bis, f. 3; *Philippi, Moll. Sic.* i. 61, ii. 44; *Sow. Conch. Man.* f. 134; *Hanley, Rec. Shells,* i. 162. t. 10, *Arca*, f. 36, 37.

Axinæa polyderma, *Axinæoderma pilosus*, *Poli, Test. Sicil.* ii. 254-259.

Arca minima, *Turt. Conch. Dict.* 8.

Glycimeris orbicularis, *Da Costa*, 168. t. 11. f. 2.

Arca undata, *Chemn. (not Linn.) Conch. Cab.* vii. 224. t. 57. f. 560.

A. marmorata, *Chemn. l. c.* f. 563?

Pectunculus variabilis, *Sow. M. C.* t. 471. f. 1.

Pect. undatus, *Turt. B. Biv.* 173. t. 12. f. 3, 4.

Pect. decussatus, *Turt. B. Biv.* 173. t. 12. f. 5; *Flem. B. An.* 400; *Thorpe, Brit. Mar. Conch.* 104.

Pect. nummarius, *Turt. Brit. Biv.* 174. t. 12. f. 6; *Flem. B. An.* 400; *Thorpe, Brit. Mar. Conch.* 104.

YOUNG. *Pectunculus decussatus*, *Turton, Biv.* 173. t. 12. f. 5.

a—*i.* Weymouth.

j—*m.* Island of Bute.

Order IV. POGONOPODA.

Pogonopoda, *Gray, Med. Repos.* 1821, 237; *Syn. B. M.* 1840, 81, 91; *Proc. Zool. Soc.* 1847, 198.

Les Byssifères, part., *Lamk. Phil. Zool.* 317, 1809; *Ext. Cour.* 105 (1812).

Asiphonia Byssifera, part., *Rafin. Anal. Nat.* 1815.

Conchifères monomyaires, part., *Lamk. Ann. Mus.* x. 389; *Hist.* vi. 100.

Conch. Dimyaires lamellipèdes, part., *Lamk. Hist.* v.

Ostracés dimyaires, and *Benitiers*, *Cuvier, R. A.; Féruss. Prod.* 39, 41.

Ostracea Dimya, *Menke, Syn.* 101, 1830.

Mytyli and *Tridacnæ*, *Eichw. Zool. Spec.* i. 285.

Ostracea (Ostracées), *Lamk. Phil. Zool.* 1809; *Extr. du Cour.* 1812.

Ostreaceæ, *Schweigger, Naturg.* 712, 1820.

Fam. 1. MYTILIDÆ.

Mytilidæ, *Fleming, Brit. Anim.* 408, 1828; *Gray, Syn. B. M.* 1840; 1842, 82; *Proc. Zool. Soc.* 1847, 198.

Callitriche and *Callitrichoderma*, *Poli, Test. Sicil.*

- Byssifères, part., *Lamk. Cour.* 105.
 Mytilidia, *Rafin. Anal. Nat.* 1815.
 Mytilaceæ (Mytilacées), *Lamk. H.* vi. 108, 1819, ed. 2. vii. 13;
Latr. Fam. Nat.
 Mytilacea, *Menke, Syn.* 104, 1830; *Anton, Verz. Conch.* 12.
 Mytilacea (Mytilaces), part., *Cuvier, R. A.* 1817; *Rang, Man. M.*
 290; *Féruss. Prod.* 42.
 Mytilina, part., *M.-Edwards, Elem. Zool.*; *Macgilliv. Moll. Aberd.*
 206.
 Mytilaceæ, *Menke, Syn.* 62, 1828.
 Pinnadæ, part., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272.
 Mytiloidea, *Fitz. Syst. Verz.* 119, 1833.
 Biforipalla, part., *Latr. Fam. Nat.*

1. MYTILUS.

- Mytilus (edulis)*, *Linn. S. N.*; *Brug. E. M.* tab. 1792; *Cuvier, Tab. Elem.* 1798; *R. A.* 1817; *Lamk. Syst.* 113, 1801; *Hist.*
 vi. 117, 1819, ed. 2. vii. 34; *Forbes & Hanley, Brit. Moll.* ii.
 168; *Quoy & Gaim. Voy. Astrol.* iii. 462.
Perna (dotel), part., *Adanson, Seneg.* 207, 1757.
Perna (M. Perna), *Retzius, Dissert.* 20, 1788 (not *Brug. nor*
Oken); *Schumacher, N. Syst.* 120, 1817.
Callitriche and *Callitrichoderma*, part., *Poli, Test. Sicil.*
Mytillus, *Say, Journ. Acad. Philad.* ii. 263.
Mytulus, Rondeletius, Univ. Aquat. Hist. 1555; *Aldrovandus,*
De Test. Cap. 71; *Retzius, Dissertat.* 1788.
Musculus, Rondelet.; *Aldrov.*
Musculus s. Mutilus, sp., *Argenv. Conch.* 288, 1757.

1. MYTILUS EDULIS.

- List. Ang.* t. 4. f. 28; *Conch.* t. 362. f. 200.
Mytilus edulis, *Linn. S. N.* 1159, ed. 12. 1157; *Faun. Suec.* ed. 2.
 521; *Chem.* viii. 755. t. 84. f. 750, 751, 755; *Penn. B. Z.* ed. 4.
 iv. 94. t. 63. f. 73; *Mont. T. B.* 159; *Don. B. S.* iv. t. 121. f. 1;
Wood, Linn. Trans. vi. t. 18. f. 13, 14; *Loven, I. M.* 33. 251;
Forbes, M. G. S. i. 419. 74; *Brown, Ill. Conch. G. B.* 76. t. 27.
 f. 11-15, t. 45. f. 4-7; *Pulteney Hutchins' Dorset*, 38; *Mat.*
& Rack. Linn. Trans. viii. 105; *Dorset Cat.* 39. t. 12. f. 5, left
 hand; *Turt. Conch. Dict.* 109; *Brit. Biv.* 196; *Brit. Faun.*
 163. no. 304; *Flem. Brit. An.* 411; *Macgilliv. Moll. Aberd.*
 234; *Thorpe, Brit. Mar. Conch.* 109; *Alder, Cat. Moll.* 80;
Fabric. Faun. Grænl. 417; *Born, Mus. Cæs.* 126; *Poli, Test.*
Sic. i. t. 1. f. 13, & ii. 194. t. 31 (except f. 1); *Burrows, Elem.*
Conch. t. 10. f. 5; *Dillw. Rec. Shells*, i. 309; *Lamk. Hist.* 2nd
 ed. vii. 47; *Gould, Invert. Mass.* 121. f. 82; *Penny Cyclop.* xvi.
 46. f. a, b, & 47. f. a, b, c; *Hanley, Rec. Shells*, i. 250. t. 12.

- f. 22, 48; *Supp.* t. 2, *Myt.* f. 2; *Philippi*, *Moll. Sic.* ii. 53; *Forbes & Hanley*, *Brit. Moll.* ii. 170. t. 48. f. 1-4, t. Q. f. 5 (animal).
- Common Mussel, *Da Costa*, *Elem. Conch.* t. 6. f. 3.
- Mytilus vulgaris*, *Da Costa*, *B. S.* 216. t. 15. f. 5 (on the left).
- M. subsaxatilis*, *Williamson*, *Mag. N. H.* vii. 354. f. 48; *Couch*, *Corn. Faun.* pt. ii. 34; *Thorpe*, *Brit. Mar. Conch.* 109.
- "*M. angulatus*, *Alder*, *MSS.*," *Brown*, *l. c.*
- "*M. solitarius*, *Marks*," *Brown*, *l. c.*
- M. edulis crassus*, *Brown*.
- M. Galloprovincialis*, *Lamk. Hist.* 2nd ed. vii. 46; *Philippi*, *Moll. Sic.* i. 72. t. 5. f. 12, 13, ii. 53; *Hanley*, *Rec. Shells*, i. 249.
- M. pellucidus*, *Penn. B. Z.* ed. 4. iv. 95. t. 63. f. 75; *Mat. & Rack*. *Linn. Trans.* viii. 107; *Mont. T. B.* 160; *Don. B. S.* iii. t. 81; *Laskey*, *Mem. Wern. Soc.* i. 392; *Turt. Conch. Dict.* 110; *Brit. Biv.* 197. t. 15. f. 1, 2; *Brit. Faun.* 163. no. 306; *Chemn.* f. 731; *Thorpe*, *M. Conch.* 110. f. 105; *Dillw. Rec. Shells*, i. 309; *Ind. Test.* t. 12. f. 22; *Mawe*, *Conchol.* t. 16. f. 2.
- M. incurvatus*, *Penn. B. Z.* t. 64. f. 74 (distorted); *Mont. T. B.* 160; *Mat. & Rack. Linn. Trans.* viii. 105. t. 3. f. 7; *Laskey*, *Mem. Wern. Soc.* i. 391; *Turt. Conch. Dict.* 109; *Brit. Biv.* 197; *Brit. Faun.* 163. no. 305; *Ind. Test.* t. 12. f. 48.
- M. elegans*, *Leach*, *B. M.*; *Brown*, *Ill. C.* t. 29. f. 14, 15.
- M. unguatus*, *Linn.* (not *Gmel.* nor *Lamk.*) *S. N.* ed. 10. 705, ed. 12. 1156 (part.); *Chemn.* viii. t. 85. f. 756; *Donov. B. S.* iv. t. 128. f. 2; *Turt. B. Biv.* 195; *Brit. Faun.* 164. no. 308.
- M. retusus*, *Lamk. Hist.* ed. 2. vii. 48.
- M. hesperianus*, *Lamk. Hist.* ed. 2. vii. 48?; *Payr. Cat. Moll. Corse*, 68. t. 2. f. 5?
- M. minimus*, *Poli*, *Sic.* 209. t. 31. f. 1; *Philippi*, *Sic.* 73.
- M. sagittatus*, *Poli*, *Test. Sic.* ii. 208. t. 32. f. 2, 3.
- M. dilatatus*, *Gray*, *Ann. Phil.* 1828, 137.
- M. alæformis*, *Sow. M. C.*
- M. antiquorum*, *Woodward*, *Geol. Norf.*
- M. borealis*, *Dekay*, *Moll. New York.*
- M. abbreviatus*, *Lamk. Hist.* 2nd ed. vii. 47; *Potiez & Mich. Gal. Douai*, ii. 54. f. 1.
- Callitriche purpurea*, *Callitrichoderma edulis* and *C. minimum*, *Poli*, ii. 254, 259.
- Perna unguina*, *Retz. Nov. Test. Gen.* 21.
- Mytilus flavus*, *Poli*, *Test. Sic.* ii. 207. t. 32. f. 4.
- a. *St. Ives*, *Cornwall*. Presented by *Dr. Boase*.
- b, c. *Britain*.
- d, e. *Scotland*.
- f—h. *Romney*.
- o. *Britain*.

- g—ee*. Bell Rock. Presented by Dr. Leach.
ff (group of young in sea-weed). Britain. Presented by Mrs. Robinson.
gg—kk. Britain.
ll (groups of young). Falmouth. Presented by W. P. Cocks, Esq.
mm—tt. Scarborough.
uu—xx. Britain.
yy—ddd. Ditto.
eee—jjj. Ditto.
kkk—mmm. Scotland. Presented by Miss E. Greville.
nnn. Falmouth. Presented by W. P. Cocks, Esq.
ooo—qqq. Hastings. Presented by Mrs. Robinson.
rrr—ttt. Belfast. Presented by W. Thompson, Esq.
uuu—zzz. Britain.
aaaa (groups congregated together). Whitley, Northumberland.

2. VOLSELLA.

- Volsella, Scopoli, Int. H. N.* 397, 1777; *Gray, Proc. Z. Soc.* 1847, 198. n. 717.
Modiola, Lamk. Prod. 1799; *Syst.* 113, 1801; *Ann. Mus.* vi. 119, 1805; *Hist.* vi. 109, 1819, ed. 2. vii. 15; *Cuvier, Anat. Comp.* 1808; *R. A.* 1817; *Leach, Zool. Misc.* ii. 31, 1815; *Sow. Man.* ed. 2. 190; *Forbes & Hanley, Brit. Moll.* ii. 181; *Swainson, Malac.* 1840.
Modiolus, Risso, Eur. Merid. 1826; *Fleming, B. A.* 412, 1828; *Forbes, Malac. Mon.* 43, 1838; not *Llwyd*.
Mytilus β , *Schumacher, N. Syst.* 1817.
Mytilus α , *Blainville, Malac.*
Callitriche and *Callitrichoderma*, part., *Poli, Test. Sicil.*
Tamarindiformes, Meuschen, Mus. Gevers. 1787.
Musculus, sp., *Bolten, Mus.* 110.
Perna (lutat), part., *Adans. Seneg.*
Amydalum (arborescens), *Megerle*, 1811.

1. VOLSELLA MODIOLUS.

- Mytilus modiolus, Linn. S. N.* ed. 12. 1158; *Penn. Brit. Zool.* ed. 4. iv. 96. t. 66. f. 77; *Mont. T. B.* 163; *Mat. & Rack. Linn. Trans.* viii. 107; *Dorset Cat.* 40; *Da Costa, B. C.* 219. t. 15. f. 5; *Don. B. S.* i. t. 23; *Pulteney Hutchins' Dorset*, 38; *Brown, Ill. C.* t. 29. f. 1–6, ed. 2. 77; *Flem. Edin. Enc.* vii. t. 203. f. 22; *Laskey, Mem. Wern. Soc.* i. 392; *Chemn. Conch. Cab.* viii. 178 (not t. 85. f. 757); *Müll. Zool. Dan.* t. 53; *Dillw. Rec. Shells*, i. 314; *Ind. Test.* t. 12. f. 31.
Modiola modiolus, Turt. B. Biv. 199. t. 15. f. 3; *Thorpe, B. M.*

C. 107; *Gould, Inv. Mass.* 123; *Hanley, Rec. Shells*, i. 233. t. 12. f. 31-49; *Forbes & Hanley, Brit. Moll.* ii. 182. t. 44. f. 1, 2.

Mytilus barbatus, *Pulteney Hutchins' Dorset*, 38 (not *Linn.*); *Donov. B. S.* ii. t. 70; *Mont. T. B.* 161; *Mat. & Rack. Dorset Cat.* 40. t. 12. f. 5 (right).

Modiola barbata, *Macgilliv. Moll. Aberd.* 237.

Mytilus rusticus, *Soland. MSS. Humph. Cat.* 43.

Callitriche flava=*Callitrichoderma barbata*, *Poli*, ii. 254, 259.

Modiola Papuana, *Lamk. Hist.* 2nd ed. vii. 18 (part.); *Brown, Ill. C. G. B.* 77. t. 27. f. 1-4; *Leach, Zool. Miscell.* ii. 33; *Say, Amer. Conch.* t. 45; *Blainv. Man. Malac.* t. 64. f. 3?

Modiola vulgaris, *Flem. B. A.* 412; *Hanley, Thorpe, M. Conch.* xxix.; *Alder, Cat. North. Moll.* 81; *Forbes, M. G. S.* i. 419. 75; *Lovèn, I. M.* 33. no. 251; *Woodarch, Conchol.* ed. 2. t. 1. f. 10.

Mytilus Papuanus, *Desh. E. M. Vers*, ii. 564. t. 219. f. 1.

Mytilus curtus, *Penn. B. Z.* iv. 96. t. 64. f. 76 *a.* (half-grown).

VAR. (distorted), *Mytilus umbilicatus*, *Penn. B. Z.* t. 65. f. 76; *Mat. & Rack. Linn. Trans.* viii. 109; *Don. B. S.* t. 40; *Mont. T. B.* 164, *Supp.* 71; *Ind. Test.* t. 12. f. 49.

Mytilus curvirostratus, *Da Costa, B. C.* 220.

Lister, Conch. t. 1057. f. 5.

a. Orkney.

b—e. Salcombe.

f.
g—i. } Britain.
j.
k—r. }

s—x (young). Britain.

2. VOLSELLA BARBATA.

Mytilus barbatus, *Linn. S. N.* ed. 12. 1156 (from type); *Faun. Suec.*; *Poli, Test. Sic.* ii. 210. t. 32. f. 6, 7.

Modiola barbata, *Lamk. Hist.* 2nd ed. vii. 22; *Philippi, Moll. Sic.* i. 70, ii. 50; *Hanley, Rec. Shells*, i. 233; *Forbes & Hanley, Brit. Moll.* ii. 190. t. 44. f. 4.

Modiola Gibsii, *Leach, Zool. Misc.* ii. 34. t. 72. f. 2; *Turt. Biv.* 200; *Flem. B. A.* 413; *Brown, Ill. C.* t. 29. f. 7, ed. 2. 78. t. 27. f. 7; *Thorpe, Mar. Conch.* 107.

a—h. Tenby.

i—l. Britain. Presented by Mrs. Robinson.

3. VOLSELLA TULIPA.

Modiola tulipa, *Lamk. Hist.* ed. 2. vii. 19 (part.); *Sow. Gen. Shells, Modiol.* f. 5?; *Philippi, Moll. Sic.* i. 69, ii. 50; *Sow.*

- Conch. Man.* f. 160?; *Reeve, Conch. Syst.* i. 101. f. 5?; *Thompson, Rep. Brit. Assoc.* 1843, 260; *Forbes & Hanley, Brit. Moll.* ii. 187. t. 45. f. 7, t. 48. f. 6, & t. Q. f. 6 (animal).
 ? *Mytilus modiolus*, *Chemn. Conch. Cab.* viii. t. 58. f. 758.
 ? *Modiola Americana*, *Leach, Zool. Miscell.* ii. 32. t. 72. f. 1.
Modiola radiata, *Brown, Ill. C. G. B.* t. 29. f. 5, 6; *Thorpe, Brit. Mar. Conch.* 249. f. 104.
M. Papuana (young), *Brown, Ill. Conch. G. B.* 77. t. 27. f. 5, 6.
Lister, Hist. Conch. t. 359. f. 198?; *Knorr, Delices des Yeux*, pt. iv. t. 15. f. 3?
 a, b. Britain.

4. VOLSELLA PHASEOLINA.

- Modiola phaseolina*, *Philippi, Moll. Sicil.* ii. 51. t. 15. f. 14; *Jeffreys, Ann. & Mag. N. H.* 1847, xix. 313; *Forbes & Hanley, Brit. Moll.* ii. 186. t. 44. f. 3.
Modiola modiolus, jun., *Clark, Ann. & Mag. N. H.* 1850.
 Inhab. Scotland. *M'Andrew; Thomas.*

5. VOLSELLA BALLII.

- Modiola Ballii*, *Brown, Illust. C. G. B.* (ed. 2.) 132. t. 37. f. 36? t. 42. f. 34, 35?; *Forbes & Hanley, Brit. Moll.* ii. 192.
Modiola, n. s., *Thompson, Rep. Brit. Assoc.*
 ? *Modiola agglutinans*, *Cantraine, Bull. Acad. S. N. Brux.* 1835, ii. 398.
 ? *Modiola vestita*, *Philippi, Moll. Sicil.* ii. 51. t. 15. f. 12, 1844; *Thompson, Ann. Nat. Hist.* xv. 318.
 Inhab. Ireland. Imbedded in Sponge; *Ball.*

3. CRENELLA.

- Crenella* (*Mytilus crenatus*), *Brown, Ill. Conch. G. B.*; *Gray, Syn. B. M.* 1842, 92; *Proc. Z. S.* 1847, 199; *Macgilliv. Moll. Aberd.*; *Alder, Cat. Moll. North.*; *Lovèn, I. M.*; *Forbes & Hanley, Brit. Moll.* ii.; *King, Ann. N. H.* xviii.
Mytilus, sp., *Linn. S. N.*; *Montagu, T. B.*; *Turt. Conch. Dict.*; *Flem. Brit. An.*; *Brown, Ill. C. G. B.*; *Schroeter, Einleit.*; *Dillw. R. S.*; *Lovèn, I. M.*
Modiola, sp., *Lamk. Hist.*; *Hanley, Conch. Text-Book*; *Recent Shells*; *Brit. Mar. Conch.*; *Totten, Sillim. Journ.*; *Gould, Invert. Mass.*; *Menke, Cat.*; *Sow. Gen.*; *Philippi, Zeitsch. Mal.*; *Turt. Brit. Biv.*
Pectunculina, *D'Orb.* 1844.
Lanistina, *Gray, Proc. Z. S.* 1847, 199.
Lanistis, *Swainson*, 1840 (not *Montf.*).
Modiolaria, "Beck," *Lovèn, I. M.* 1846.
Modiolarca, *Gray, Syn. B. M.* 1842, 92; *Proc. Z. S.* 1847, 199.

* CRENELLA.

1. CRENELLA DECUSSATA.

Mytilus decussatus, *Mont. T. B. Supp.* 69 (not *Lamk.*); *Laskey, Wern. Mem.* i. 394. t. 8. f. 17; *Turton, Conch. Dict.* 114; *Flem. B. An.* 411.

Modiola decussata, *Hanley (Thorpe), M. Conch.* 29. f. 1.

Crenella elliptica, *Brown, Conch. Text-Book*, 143. t. 18. f. 13; *Ill. C. t.* 23. f. 12-14, ed. 2. 75; *Jeffreys, Malac. Mag.* 49.

Modiola cicerula, *Möller, I. Moll. Græn.* 19; *Hanley, Rec. Shells*, i. 243.

? *Modiola glandula*, *Totten, Silliman's Journ.* xxvi. 367. f. 3; *Gould, Invert. Mass.* 131. f. 87; *Hanley, Rec. Shells*, i. 243.

Crenella decussata, *Macgilliv. Moll. Aberd.* 229; *Thorpe, Brit. Mar. Conch.* f. 5; *Alder, Cat. Moll. North.* 82; *Lovèn, I. M.* 32. no. 246; *Forbes & Hanley, Brit. Moll.* ii. 210. t. 45. f. 2; *King, Ann. N. H.* xviii. 238.

Modiola faba, *Thorpe, Brit. Mar. Conch.* 248 (not *Mytilus faba*, *O. Fabric.*).

a—*t.* Zetland. Presented by R. M'Andrew, Esq.

u—*a a.* Scotland.

** LANISTINA.

2. CRENELLA DISCORS.

Mytilus discors, *Linn. S. N.* ed. 12. 1159 (from type, fide *Forbes & Hanl.*); *Lovèn, Ind. Moll. Skand.* 33.

M. discors β , *Mat. & Rack. Linn. Trans.* viii. 111. t. 3. f. 9.

Modiolaria discors, *Lovèn, I. M.* 33. n. 247.

Mytilus discrepans, *Mont. T. B.* 169 (not *Supp.*); *Turt. Conch. Dict.* 112; *Brit. Faun.* 164. no. 315; *Dillw. Rec. Shells*, i. 319.

Modiola discrepans, *Lamk. Hist.* 2nd ed. vii. 23; *Turt. B. Biv.* 202; *Forbes, Mal. Monens.* 44; *Thorpe, Brit. Mar. Conch.* 108; *Ald. Cat. North. Moll.* 81; *Gould, Inv. Mass.* 129. f. 83; *Hanley, Rec. Shells*, i. 242.

? *Modiola minuta* (fry), *Couch, Corn. Faun.* ii. 33 (not described); *Brown, Ill. C. G. B.* t. 39. f. 36 (unnamed).

Crenella discors, *Forbes & Hanley, Brit. Moll.* ii. 195. t. 45. f. 5, 6, & t. 48. f. 5.

a, b. Sunderland.

3. CRENELLA MARMORATA.

Mytilus discors, *Mont. T. B.* 167 (not *Linn.* nor *Fabric.*); *Da Costa, B. S.* 221. t. 17. f. 1; *Don. B. S.* i. t. 25. f. 1; *Mat. & Rack. Linn. Trans.* viii. 111 (not var.), t. 3. f. 8; *Pulteney*

Hutch. Dors. 38; *Ind. Test.* t. 12. f. 39; *Poli, Test. Sic.* ii. 211. t. 32. f. 15; *Laskey, Mem. Wern. Soc.* i. 393; *Dorset Cat.* 40. t. 2. f. 1; *Turt. Conch. Dict.* 112; *Brit. Faun.* 164. no. 314; *Dillw. Rec. Shells*, i. 319; *Mawe, Conchol.* t. 13. f. 5. *Modiola discors*, *Turt. Biv.* 201. t. 15. f. 4, 5 (not *Lamk.* nor *Gould*); *Flem. B. An.* 413; *Macgilliv. Moll. Aberd.* 239; *Thorpe, Brit. Mar. Conch.* 108.

Mytilus discrepans, *Desh. E. M. Vers.* ii. 567.

Modiola discrepans, *Philippi, Moll. Sic.* i. 70, ii. 50. t. 15. f. 11.

Modiola marmorata, *Forbes, Malac. Monens.* 44; *Jeffreys, Mag. Conch.* 41; *Brown, Ill. C. G. B.* 78. t. 27. f. 10; *Thomps. Rep. Brit. Assoc.* 1843, 261.

Mod. europæa, *D'Orbig. Mus. Paris.*

Mod. tumida, *Hanley, Rec. Shells*, i. 241. t. 12. f. 39.

Mod. Poliana, *Philippi, Zeitsch. Malak.* 1844, 101 (from type).

Crenella marmorata, *Forbes & Hanley, Brit. Moll.* ii. 198. t. 45. f. 4.

a—d. Sunderland.

e—h. Oban.

i—w. Britain.

x—b b (jun.). Ditto.

4. CRENELLA COSTULATA.

Modiola costulata, *Risso, Hist. Nat. Eur. Mer.* iv. 324. f. 165 (fide *Philippi*); *Jeffreys, Ann. Nat. Hist.* xix. 313; *Philippi, Moll. Sic.* ii. (not i.) 50. t. 15. f. 10 (not *D'Orbign. Moll. Canar.* nor *Hanley, Recent Shells*, i. 240).

Crenella costulata, *Forbes & Hanley, Brit. Moll.* ii. 205. t. 45. f. 1. Inhab. Exmouth, *Clark.* Cornwall, *Alder, &c.*

5. CRENELLA NIGRA.

Modiola nigra, *Gray, App. Parry's Voy. N. Pole*, adult; *Thorpe, M. Conch.* 249. f. 5, jun.; *Alder, Cat. Moll. North.* 81; *Hanley, Rec. Shells*, i. 242. t. 12. f. 38.

Mytilus discors, var., *Chemn. Conch. Cab.* viii. 195. t. 86. f. 767; *Schröter, Einleit. Conch.* iii. t. 9. f. 15; var. *Suecicus*, *O. Fabricius, Danske Videns. Selsk. Nye Samm.* 1788, 460 (part.).

Mytilus discrepans, *Mont. T. B. Supp.* 65. t. 26. f. 4 (not 169); *Ind. Test.* t. 12. f. 38; *Leach, App. Ross's Voy.* 176; *Zool. Miscell.* ii. 36; *M. & R. Linn. Trans.* viii. 111. t. 3. f. 9.

Modiola discrepans, *Leach, Ross's Voy.* 176; *Flem. B. An.* 413; *Turt. Biv.* 202; *Macgilliv. Moll. Aberd.* 238; *Brown, Ill. C. G. B.* 78. t. 27. f. 8; *Sow. Gen. Shells, Modiola*, f. 3; *Reeve, Conch. Syst.* t. 100. f. 3; *Philippi, Zeitsch.* 1844, 102.

? *Mod. nexa*, *Gould.*

Mod. compressa, *Menke, Cat. Conch. Malsburg.*

Mod. depressa, *Hanley, Rec. Shells*, i. 242, note.

Modiolaria nigra, *Lovèn, I. M.* 33. n. 249.

Crenella nigra, *King, Ann. N. H.* xviii. 239; *Forbes & Hanley, Brit. Moll.* ii. 202. t. 44. f. 5, & t. Q. f. 7, animal.

a—c. Black Rocks, Leith.

d—k. Britain.

l—y, jun. Britain.

z—e e, jun. Sunderland.

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6. CRENELLA PRIDEAUXIANA.

Modiola Prideauxiana, *Leach, Zool. Misc.* ii. 35; *Brown, Ill. C.* t. 29. f. 9, ed. 2. t. 27. f. 9.

Modiola rhombea, *Berkeley, Zool. Journ.* iii. 229; *Supp. t.* 18. f. 1; *Thorpe, Brit. Mar. Conch.* 107; *Brown, Ill. Conch.* ed. 2. 78. t. 39. f. 17.

Crenella rhombea, *Forbes & Hanley, Brit. Moll.* ii. 208. t. 45. f. 3.

Modiola costulata, *Philippi, Sic.* 70. t. 5. f. 1; not *Philippi*, ii. 50, nor *Risso*.

Mod. Petagnæ, *Scacchi; Philippi*, ii. 51.

a—d. Coast of Devonshire. Presented by — Prideaux, Esq.

e. Weymouth. Presented by the Rev. M. J. Berkeley.

Fam. 2. DREISSENIDÆ.

Dreissenadæ, *Gray, Turton Man.* ed. 2. 299.

Dreissenidæ, *Gray, Syn. B. M.* 1840; 1842, 82, 91; *Proc. Zool. Soc.* 1847, 199.

Mytilaces, part., *Rang, Man.* 290.

Mytilacea, part., *Anton, Verz. Conch.* 12.

Chamaceæ, part., *Herrmannsen, Ind.* 409.

1. DREISSENA.

Dreissena, *Van Beneden, Ann. Sci. Nat.* 1835; *Gray, Turton's Man. Land & Freshwater Shells*, 300; *Syn. B. M.* 1840; 1842, 82, 92; *Proc. Z. S.* 1847, 199; *Forbes & Hanley, Brit. Moll.* ii.

Dreissena, *Brown, Ill. C. G. B.*

Mytilina or *Mytulina*, *Cantraine*, 1835.

Trichogonia, *Rossmasler, Icon.* 1835.

Cælogonia, *Bronn*.

Mytilus β , *Rang, Man.*; *Megerle, Entw.* 1811.

Mytilus, sp., *Schröter, Einleit.*; *Sow. Gen.*; *Lamk. Hist.* ed. 2. vii.

Dythalmia, *Jay*.

1. DREISSENA POLYMORPHA.

Mytilus Volgæ, *Chemn.* xi. 256. t. 205. f. 2028.

Myt. polymorphus, *Pallas, Voy. Russ.* i. 478, *App.* 211; *Schröter*,

Einleit. Conch. iii. 471; *Gmelin, Syst. Nat.* 3363; *Reeve, Conch. Syst.* i. 102. f. 4; *Hanley, Rec. Shells*, i. 250, *Supp.* t. 2, *Myt.* f. 6; *Sow. Gen. Shells, Mytilus*, f. 4; *Trans. Linn. Soc.* xiv. 585; *Zool. Journ.* i. 584; *Féruss. Bull. Sc. Nat.* 1826, 142; *Ind. Test. Supp.* t. 2, *Mytilus*, f. 6; *Lamk.* 2nd ed. vii. 50.

Myt. Chemnitzii, Férussac.

Myt. lineatus, Haardenburg, Moll. Belgic.

Myt. arca, Kickx, Descript. nouv. esp. de Moule, 1834.

Myt. ? Volgensis, Gray, Ann. Phil. 1825, 139.

Myt. Hagenii, Baer, Isis, 1826, pt. v. 525; *Féruss. Bull. Sci. Nat.* i. 826. 140.

Myt. Toreyi, Stenz.

Trichogonia Chemnitzii, Rossm. Icon. i. 113. t. 3. f. 69.

Dreissena polymorpha, Van Beneden, Ann. Sci. Nat. 1835, 210. t. 8. f. 1-11; *Strickland, Mag. Nat. Hist.* 1838, 361; *Gray, Man. L. & F. W. Shells*, 300; *Brown, Ill. Con. G. B.* 76. t. 29. f. 4-9; *Forbes & Hanley, Brit. Moll.* ii. 165. t. 42. f. 4-5, & t. Q. f. 4, animal.

a—f. Commercial Docks. Presented by G. B. Sowerby, Esq.

g—n. Warwickshire. Presented by Mrs. Corrie.

o—q. Britain. Presented by F. Sanders, Esq.

r—t. Ditto.

u, x. River Soar, Leicester. Presented by W. Drake, Esq.

y—h h. Regent's Canal.

i i, k k. Union Canal, near Edinburgh. Presented by A. White, Esq.

ll (group of young attached to a stone). Canal near Birmingham. Presented by Miss Theodosia Maurice.

m m—z z (young). Britain.

Fam. 3. PINNIDÆ.

Pinnidæ, Gray, Syn. B. M. 1840; 1842, 82, 91; *Proc. Zool. Soc.* 1847, 199.

Pinnadæ, Leach, MSS. 1818, *Ann. & Mag. N. H.* xx. 272.

Pinnacea, Sismond. Syn. An. Invert. 1842.

Pinnina, Agass. Nomen. Ind.

Chimæra and Chimæroderma, Poli, Moll. Sicil.

Byssifères, part., Lamk. Cour. 105.

Mytilacées, part., Lamk. Hist. vi. 129.

Mytilacea, part., Anton, Verz. Conch. 12.

Mytilacés, Cuvier, R. A.; Rang, Man. Moll. 292; *Féruss. Prod.* 42.

Aviculacea, part., Menke, Syn. 102, 1830.

Mytilina, part., *Macgilliv. Moll. Aberd.* 206.

Perna, *Plin. H. Nat.* lib. 32. cap. 54; *Aldrov.* lib. 3. cap. 76.

Perna, part., *Adanson, Seneg.* 207, 1757.

1. PINNA.

Pinna, *Linn. S. N.* ed. 10 & 12; *Lamk. Ext. Cours*, 1801; *Hist.*

A. s. V.; *Cuv. R. An.*; *Sow. Gen.*; *Swains. Malac.* 1840; *Gray,*

Syn. B. M. 1840; 1842, 83, 92; *Proc. Z. S.* 1847, 199.

Chimæra and Chimæroderma, *Poli, Test. Sic.* 1792.

Mya, sp., *Scopoli*, 1777.

Perna (Apan), *Adanson, Senegal*, 1757.

Musculus, s. Mutilus, sp., *D'Argenv.*

Pinnula, Curvula and Oxysma, *Rafinesque.*

1. PINNA PECTINATA.

Pinna pectinata, *Linn. S. N.* ed. 12. 1160; *Lamk. Hist.* 2nd ed. vii. 64 (part.); *Chemn. f.* 770; *Dillw. Rec. Shells*, i. 325; *Mawe, Conchol.* t. 17. f. 1; *Hanley, Rec. Shells*, i. 253; *Flem. B. An.* 406; *Pulteney, Dorset.* 39; *Mont. T. B.* 178; *Dorset Cat.* 41. t. 3. f. 3; *Turt. Conch. Dict.* 148. f. 11; *Brit. Faun.* 165; *Brit. Bivalves*, t. 19. f. 1; *Mat. & Rack. Linn. Trans.* viii. 113; *Forbes & Hanley, Brit. Moll.* ii. 255. t. 43. f. 1, 2. t. 43. f. 8.

Pinna fragilis, *Penn. B. Zool.* iv. 97. no. 80. t. 69. f. 80; *Turt. B. Biv.* 222. t. 20. f. 2; *Flem. B. An.* 406; *Thorpe, Brit. Mar. Conch.* 111; *Brown, Ill. C. G. B.* 75. t. 26. f. 3.

Pinna ingens, *Penn. Brit. Zool.* n. 81; *Mont. T. B.* 180–583, & *Supp.* 72; *Mat. & Rack. Linn. Trans.* viii. 113; *Flem. Edinb. Enc.* vii. t. 206. f. 3; *Brit. An.* 406; *Brown, Ill. Conch. G. B.* 75. t. 26. f. 1; *Dillw. Rec. Shells*, i. 325; *Ind. Test.* t. 12, *Pinna*, f. 3; *Hanley, Rec. Shells*, i. 253. t. 12. f. 3; *Couch, Corn. Faun.* pt. ii. 34; *Lamk. H.* no. 13; *Turton, Bivalves*, t. 20. f. 1; *Conch. Dict.* 148; *Macgilliv. Moll. Aberd.* 240; *Thorpe, Brit. Mar. Conch.* 111.

Pinna muricata, *Da Costa, B. S.* 240. t. 16. f. 3; *Don. B. S.* i. t. 10; *Mont. T. B.* 183. t. 5. f. 3; *Crouch, Intr. Conch.* t. 11. f. 4.

Pinna papyracea, *Turt. Bivalves*, 224. t. 20. f. 3; *Flem. B. An.* 407; *Thorpe, B. Mar. Conch.* 112.

Pinna elegans, *Leach, Brit. Mus.*; *Brown, Ill. C.* t. 30. f. 2, ed. 2. 76. t. 26. f. 2.

Pinna lævis, *Don. B. S.* v. t. 152, adult.

Pinna borealis, *Walker, in Elem. N. H.* ii. 381.

Pinna rotundata, *Couch, Corn. Faun.* pt. ii. 36.

Chimæra pinnarum=Chimæroderma rudis, *Poli*, ii. 253. 259.

- a.* Torbay. Presented by W. Comyns, Esq.
b. Falmouth Harbour. Presented by W. P. Cocks, Esq.
c, d. Cork. Presented by Miss Elliot.
e, f. Britain.
g—i. Cork Harbour. Presented by J. D. Humphreys, Esq.
j—p. Britain.
q—u. Britain.
v (with byssus). Britain.
w—z. Britain.

Fam. 4. PTERIADÆ.

- Pteriadæ, *Gray, Proc. Zool. Soc.* 1847, 199.
 Aviculadæ, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 273;
Gray, Syn. B. M. 1840; 1842, 83, 91.
 Glaucus and Glaucoderma, *Poli, Test. Sicil.*
 Byssifères, part., *Lamk. Cours*, 105; *Goldfuss, Zool.*
 Byssifera, *Goldfuss, Zool.* 604, 1820.
 Pernaridea and Limaridia, part., *Rafin. Anal.*
 Malleacées, *Lamk. Hist.* vi. 135.
 Malleacea, *Anton, Verz. Conch.* 12, 1839.
 Ostracés, part., *Cuvier, R. A.*
 Oxigones, *Latr. Fam. Nat.*
 Margaritacea or Margaritacés, *Blainv. Man.*
 Malleacées and Aviculés, *Rang, Man. Moll.* 281; *Féruss. Prod.*
 41.
 Aviculacea, *Menke, Syn.* 101; *Forbes & Hanley, Brit. Moll.* ii.
 250.
 Pectinina, part., *Macgilliv. Moll. Aberd.* 203, 222.
 Pernadæ, *Fleming, B. A.* 381, 1828; *Guild. Zool. Journ.* iii. 542,
 1828.
 Pernoidæ, *Agassiz, Nomencl.* 1847.
 Pernea, *Herrmannsen, ii.* 237.

1. PTERIA.

- Pteria, *Scopoli, Int. Hist. Nat.* 1777; *Gray, Proc. Zool. Soc.*
 1847, 199.
 Avicula, *Klein, Tent. Meth. Ostrac.* 1753; *Brug. Enc. Méth.*
 1789; *Lamk. Prod.* 1799; *Syst. A. s. V.* 1801; *Swains. Malac.*
 1840; *Gray, Syn. B. M.* 1840; 1842, 83, 91; *Forbes & Hanley,*
Brit. Moll. ii. 251.
 Margaritifera, sp., *Humph. Mus. Calon.* 1797.
 Anonica, *Oken, Lehrb. Zool.* 1815.
 Perna (Charon), *Adans. Seneg.* 1757.
 Perlamater β , *Schum. N. Ess.* 1817.
 Pinctada, § ii., *Bolten, Mus.* 1819.

1. PTERIA TARENTINA.

Mytilus Hirundo, *Linn. S. N.* 1159 (part.); *Turton, Conch. Dict.* 109. f. 7; *Poli, Test. Sic.* ii. 221. t. 32. f. 17-21; *Dillw. Rec. Shells*, i. 321, var. G.; *Mawe, Intr. Conch.* t. 16. f. 6; *Costa, Test. Sic.* 59.

Avicula Tarentina, *Lamk. Hist.* 2nd ed. vii. 99; *Hanley, Thorpe, B. M. C.* 30. f. 109; *Desh. E. M. Vers*, ii. 99; *Philippi, Moll. Sic.* i. 76, ii. 55; *Hanley, Rec. Shells*, i. 262; *Desh. Exp. Alger. Moll.* 129; *Forbes & Hanley, Brit. Moll.* ii. 251. t. 42. f. 1-3; t. S. f. 4, animal.

Avicula Hirundo, *Turt. Biv.* 220. t. 16. f. 3, 4; *Thorpe, M. C.* 113. f. 109; *Flem. B. An.* 405.

Avicula Atlantica, *Brown, Ill. C.* t. 10*. f. 6, & ed. 2. 74; not *Lamk.*

Avicula falcata, *Lamk. Hist.* 2nd ed. vii. 98 (fide *Desh.*).

Avicula anglica, *Leach, B. M.*; *Brown, Ill. C.* t. 31. f. 3, ed. 2. 74.

Avicula aculeata, *Risso*, 308 (complete); *Sow. Gen. Shells, Avicula*, f. 2?; *Reeve, Conch. Syst.* t. 109. f. 2.

Mytilus à mari Mediterraneo, *Chemn. Conch. Cab.* viii. 142. t. 81. f. 725.

E. Méth. Vers, t. 177. f. 8.

Inhab. Coast of Devon and Cornwall. Ireland.

Order V. MICROPODA.

Micropoda, *Gray, Med. Repos.* 1821, 238; *Syn. B. M.* 1840; 1842, 83; *Proc. Zool. Soc.* 1847, 200.

Conchifères monomyaires, § 2, *Lamk. Hist.* vi. 153, and *dimyaires lamellipèdes*, *Lamk.*

Ostracia, part., *Rafin. Anal. Nat.*

Ostracées, part., *Lamk. Ext. du Cour.* 104 (1812).

Ostracés monomyaires, *Cuvier, R. A.*; *Féruss. Prod.* 40.

Ostreæ, *Eichw. Zool. Spec.* 287.

Ostracea monomya, *Menke, Syn.* 97, 1830.

Patulipalla, *Latr. Fam. Nat.*

Fam. 1. PECTENIDÆ.

Pectenidæ, *Gray, Proc. Zool. Soc.* 1847, 200.

Pectinidæ, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272; *Gray, Syn. B. M.* 1840; 1842, 83, 92.

Glaucus or *Glaucoderma*, and *Argus* or *Argoderma*, *Poli, Test. Sicil.*

Pecten, *Rafin. Anal. Nat.* 1815.

Byssifères, part., and *Ostracées*, part., *Lamk. Ext. du Cour.* 104; *Cuvier, R. A.*; *Latr. Fam. Nat.*

Pectenides, Lamk. *Hist.* vi. 153; *Féruss. Prod.* 40; Rang, *Man. Moll.* 276.

Pectinea, Menke, *Syn.* 98, 1830; Anton, *Verz. Conch.* 12.

Subostracea or Subostracés, Blainv. *Man. Malac.*

Ostreadæ, part., Forbes & Hanley, *Brit. Moll.* ii.

1. PECTEN.

Pecten, Bolten, 1798; Lamk. *Syst. A. s. V.* 1801 (part.); Gray, *Proc. Zool. Soc.* 1847, 200; Forbes & Hanley, *Brit. Moll.* ii. 272 (part.).

Pandora, Megerle, 1811, not Brug. nor Lamk.

Janira, Schum. *N. Ess.* 1817; D'Orb.; Gray, *Syn. B. M.* 1840; 1842, 84, 92.

Janera, Sow.

Argus, sp., Poli, *Test. Sicil.*

? *Neithea*, Drouet, *Ann. Soc. Linn. Par.* 1824, 183.

1. PECTEN MAXIMUS.

Ostrea maxima, Linn. *S. N.* 1144; *Faun. Suec.* 520; *Dors. Cat.* 37. t. 9. f. 3; *Don. B. S.* ii. t. 49; *Pulteney Hutch. Dors.* 35; *Turt. Conch. Dict.* 128; *Mat. & Rack. Trans. Linn. Soc.* viii. 96; *Born, Mus. Cæs.* 98; *Dillw. Rec. Shells*, i. 247; *Ind. Test.* t. 10. f. 1.

Pecten maximus, Penn. *B. Zool.* ed. 4. iv. 84. t. 59. f. 61. n. 61; *Mont. T. B.* 143; *Turt. B. Biv.* 207; *Brit. Faun.* 161. no. 288; *Flem. B. An.* 383; *Thorpe, B. Mar. Conch.* 115; *Brown, Ill. C. G. B.* 71. t. 25. f. 1; *Macgilliv. Moll. Aberd.* 223; *Forbes, M. G. S.* i. 420. 77; *Lovèn, I. M.* 31. 226; *Sow. Thes. Conch.* i. 45. t. 15. f. 98–100; *Hanley, Rec. Shells*, i. 268. t. 10. f. 1; *Chemn. Conch. Cab.* vii. 268. t. 60. f. 585; *Lamk. Hist.* 2nd ed. vii. 129; *Crouch, Int. Conch.* t. 12. f. 3; *Forbes & Hanley, Brit. Moll.* ii. 296. t. 49.

Pecten vulgaris, Da Costa, *Brit. Conch.* 140. t. 9. f. 3.

P. lævis, *Macgilliv. Moll. Aberd.* 227?

Lister, Ang. t. 4. f. 29; *Conch.* t. 163. f. 1; *Knorr, Délices des Yeux*, pt. ii. t. 14. f. 1.

a, b. Britain.

c—e. Ditto.

f. Falmouth. Presented by W. P. Cocks, Esq.

g, h. Shetland Isles. Presented by B. Frend, Esq.

i. Britain.

j. Ditto.

k, l. Ditto.

m—t, jun. Britain.

2. ARGUS.

Argus, sp., *Poli, Test. Sic.* 1795.

Argus, *Gray, Proc. Zool. Soc.* 1847, 200.

Pecten, *Megerle, Entw.* 60, 1811; *Schum. N. Ess.* 1817; *Forbes & Hanley, Brit. Moll.* ii.; *Gray, Syn. B. M.* 1840; 1842, 83, 92.

Pecten β , *Schum. N. Ess.* 1817.

Ostrea, sp., *Linn. Syst. Nat.*

Chlamys, sp., *Bolten, Mus.* 1798.

1. ARGUS OPERCULARIS.

Ostrea opercularis, *Linn. S. N.* 1147; *Pulteney, Dors.* 36; *Mat. & Rack. Linn. Trans.* viii. 98; *Dorset Cat.* 38. t. 9. f. 1, 2, 4, 5; *Turt. Conch. Dict.* 129. f. 74; *Born, Mus. Cæs.* 106; *Schröter, Einleit. Conch.* iii. 317. t. 9. f. 3; *Gmel. S. N.* 3325; *Dillw. Rec. Shells*, i. 266; *Ind. Test.* t. 10. f. 43.

Pecten opercularis, *Chemn. Conch.* vii. 341. t. 67. f. 646; *Mont. T. B.* 145; *Turt. B. Biv.* 209; *Brit. Faun.* 161. no. 290; *Flem. B. An.* 383; *Alder, Cat. Moll. North.* 76; *Lamk. Hist.* 2nd ed. vi. 142; *Philippi, Moll. Sic.* i. 82, ii. 57; *Cuv. Règn. An.* ed. *Croch.* t. 75. f. 3; *Loven, Ind. M. Sk.* 30. no. 227; *Forbes, M. G. S.* i. 420. 78; *Macgilliv. Moll. Aberd.* 224; *Thorpe, Brit. Mar. Conch.* 115; *Brown, Ill. C. G. B.* 71. t. 24. f. 1; *Sow. Thes. Conch.* i. 53. t. 17. f. 141, 146; *Hanley, Rec. Shells*, i. 272. t. 10. f. 43; *Chenu, Ill. Conch. Pecten*, t. 29; *Forbes & Hanley, Brit. Moll.* ii. 299. t. 50. f. 3, t. 51. f. 5, 6, t. 53. f. 7.

Ostrea subrufa, *Don. B. S.* i. t. 12.

Pecten subrufus, *Penn. B. Z.* ed. 4. iv. 86. t. 60. f. 63; *Turt. Biv.* 210. t. 17. f. 1 (jun.); *Thorpe, Brit. Mar. Conch.* 116; *Sow. Thes. Conch.* i. 53. t. 19. f. 208-210.

Pecten pictus, *Da Costa*, 144. t. 9. f. 1, 2, 4, 5; *Wood, Trans. Linn. Soc.* vi. t. 18. f. 7, 8.

Pecten 20-sulcatus, *Müller, Z. D.*

Ostrea lineata, *Pult. Dors.* 36; *Don. B. S.* iv. t. 116; *Mat. & Rack. Linn. Trans.* viii. 99; *Dors. Cat.* 38. t. 10. f. 8; *Dillw. Rec. Shells*, i. 267; *Ind. Test.* t. 10. f. 44.

Pecten lineatus, *Da Costa*, 147. t. 10. f. 8; *Mont. T. B.* 147, 579; *Flem. B. An.* 353; *Turton, Brit. Faun.* 161. no. 291; *Lamk. Hist.* 2nd ed. vi. 143.

Pecten carinatus, *Soland. Mus. Port.*

Ostrea sanguinea, *Poli, Test. Sic.* t. 28. f. 7, 8.

Pecten sanguineus, *Costa, Test. Sic.* 50.

Pecten Audouini, *Payr.* 77. t. 2. f. 8, 9; *Hanley, Rec. Shells*, i. 273.

Pecten plebeius and *P. sulcatus*, *J. Sow. M. C.* t. 393.

Peigne operculaire, *Chenu, Traité Elem.* 101. t. 339.

Pecten Macgillivrai, *Edmonston, Ann. & Mag. N. H.* xv. 250
(worn shell, fide *Jeffreys, Forbes & Hanley, l. c.* ii. 302).

List. Ang. t. 5. f. 30; *Conch.* t. 190. f. 27, 28; *Knorr, Délices des Yeux*, pt. v. t. 28. f. 4.

a—m, red-coloured, various. Britain.

n, o, ditto. Ditto.

p—r, ditto. Ditto.

s—u, ditto. Ditto.

v—y, ditto. Ditto.

z—b b, ditto. Ditto.

c c—f f, orange-coloured. Ditto.

g g, h h, ditto. Ditto.

i i, j j, straw-coloured. Ditto.

k k—p p, rayed. Ditto.

q q—u u, light-coloured. Ditto.

v v, w w, white. Ditto.

x x—h h h (*Pecten lineatus*). Ditto.

i i i (ditto). Falmouth. Presented by W. P. Cocks, Esq.

2. ARGUS VARIUS.

Ostrea varia, *Linn. S. N.* ed. 12. 1146; *Pulteney Hutch. Dors.* 36;
Donov. B. S. i. t. 1. f. 1; *Mat. & Rack. Linn. Trans.* viii. 97;
Dorset Cat. 38. t. 10. f. 1, 2, 4, 5, 7, 9; *Turt. Conch. Dict.*
130; *Börn, Mus. Cæs.* 104; *Poli, Test. Sic.* ii. 163. t. 28. f. 10;
Dillw. Rec. Shells, i. 260; *Mawe, Conchol.* t. 14. f. 4; *Ind.*
Test. t. 10. f. 31.

Pecten varius, *Chemn. Conch. Cab.* vii. 331. t. 66. f. 633, 634;
Mont. T. B. 146; *Penn. B. Z.* ed. 4. iv. 86. t. 61. f. 64; *Turt.*
B. Biv. 214; *Brit. Faun.* 162. no. 294; *Flem. B. An.* 384;
Macgilliv. Moll. Aberd. 224; *Thorpe, Brit. Mar. Conch.* 118;
Lamk. Hist. 2nd ed. vii. 147; *Crouch, Intr. Conch.* t. 12. f. 4;
Sow. Conch. Man. f. 171; *Philippi, Moll. Sic.* i. 84 & ii. 58;
Sow. Thes. Conch. i. 76. t. 19. f. 214–218; *Hanley, Rec. Shells*,
i. 285. t. 10. f. 31; *Lovèn, Ind. Moll. Sk.* 30. 229; *Forbes, M.*
G. S. i. 420. 79; *Forbes & Hanley, Brit. Moll.* ii. 273. t. 50. f. 1.

P. monotis, *Da Costa, B. C.* 151. t. 10. f. 1, 2, 4, 5, 7, 9.

Lister, Conch. t. 178. f. 17, 18; *An. Ang.* t. 4. f. 30; *Knorr,*
Délices des Yeux, pt. v. t. 13. f. 2, pt. vi. t. 9. f. 4.

a—f, dark-coloured. Britain.

g—l, ditto. Ditto.

m—t, red-coloured. Ditto.

u—w, orange-coloured. Ditto.

x, light pink. Ditto.

y, dark pink. Ditto.

z, jun. Falmouth. Presented by W. P. Cocks, Esq.

3. ARGUS NIVEUS.

Pecten niveus, *Macgilliv. Edinb. Phil. Journ.* xiii. 1825, 166. t. 3. f. 1; *Flem. B. An.* 384; *Thorpe, M. Conch.* 250; *Brown, Ill. C. t.* 34. f. 16, 17, 2nd ed. 74. t. 24. f. 16; *Sow. Thes.* i. 77, *Pecten*, t. 19. f. 223, 224; *Forbes & Hanley, Brit. Moll.* ii. 276. t. 50. f. 2, & t. S. f. 3 (animal).

a—d. Inverary.

e. Hebrides. Presented by W. Nichol, Esq.

4. ARGUS DANICUS.

Pecten septem-radiatus, *Müller, Z. Dan. Prod.* no. 2992 (fide *Lovèn*); *Lovèn, I. M.* 31, 323.

Pecten triradiatus, *Müll. Z. Dan.* ii. 25. t. 60. f. 1, 2 (fide *Lovèn & Chemn.*); *Forbes, M. G. S.* i. 420. 81.

Pseud-amusium, *Chemn. (not Klein) Conch. Cab.* vii. 298. t. 63. f. 601, 602.

Ostrea hybrida, *Gmel. S. N.* 3318 (not *Synon.*) from *Chemn.* f. 601.

Ostrea triradiata, *Gmel. S. N.* 3326; *Dillw. Rec. Shells*, i. 264 (from *Müller*).

Ostrea septemradiata, *Gmel. S. N.* 3327 (from *Müller*).

Pecten Danicus, *Chemn. Conch. Cab.* xi. 265. t. 207. f. 2043; *Sow. Thes. Conch.* i. 61. t. 12. f. 16, t. 17. f. 187; *Hanley, Rec. Shells*, i. 277; *Forbes & Hanley, Brit. Moll.* ii. 288. t. 52. f. 1, 2, 7–10.

Ostrea inflexa, *Poli, Test. Sic.* ii. 160. t. 28. f. 4, 5?

Ostrea elevata, *Poli, l. c.* i. 161. t. 28. f. 17?

Ostrea corallina, *Poli, l. c.* ii. 164. t. 28. f. 16?; *Costa, Test. Sic.* 51?; *Dillw. R. Shells*, i. 255 (from *Poli*).

Pecten adspersus, *Lamk. Hist.* 2nd ed. vii. 136 = *E. M.* t. 212. f. 6; *Jeffreys, Ann. N. Hist.* xix. 313; *Philippi, Moll. Sic.* i. 82, ii. 57.

P. pes-felis, *Lamk. Hist.* 2nd ed. vii. 140 (part.); *Jeffreys, Ann. N. Hist.* xix. 313; *Philippi, Moll. Sic.* i. 84, ii. 58? (not *Synon.*); *Forbes, Rep. Brit. Assoc.* 1845, ii. 66.

Pecten glaber, *Mont. T. B. Supp.* 60; *Penn. B. Z.* ed. 4. iv. 87. no. 68; *Turt. B. Biv.* 211; *Brit. Faun.* 162. no. 293; *Thorpe, B. M. Conch.* 117; *Flem. B. An.* 384; *Brown, Ill. Conch. G. B.* 73. t. 25. f. 3, 4.

Ostrea glabra, *Turt. (not Linn.) Conch. Dict.* 132.

Pecten Dumasii, *Payraud. Cat. Moll. Corse*, 75. t. 2. f. 6, 7; *Jeffreys, Ann. N. Hist.* xix. 313.

Pecten nebulosus, *Brown, Edin. Journ. N. Hist.* 1835, i. 9. f. 1; *Ill. C. G. B.* 72. t. 22. f. 17.

P. Jamesoni, *Smith, Mem. Wern.* viii. 106. t. 2. f. 1; *Brown, Ill. C. G. B.* 73. t. 25. f. 7.

- a*. Loch Fyne. Presented by the Rev. D. Landsborough.
b—i. Inverary.
j—l. Loch Fyne. Presented by J. Blythe, Esq.
m—o (*Pecten septemradiatus*). Scotland.
p—t (*jun.*). Loch Fyne.

5. ARGUS TIGRINUS.

- Pecten tigrinus*, Müller, *Z. D.* t. 60. f. 6–8; *Desh. Lamk. Hist.* 2nd ed. vii. 155; *Alder, Cat. Moll. North.* 77; *Lovèn, I. M.* 31. n. 233; *Forbes & Hanley, Brit. Moll.* ii. 285. t. 51. f. 8–11.
Pecten obsoletus, *Penn. B. Z.* ed. 4. iv. 87. no. 66. t. 61. f. 66; *Turt. B. Biv.* 213. t. 9. f. 6; *Brit. Faun.* 162. no. 295; *Don. B. S. i.* t. 1. f. 2; *Mont. T. B.* 149, & *Supp.* 57; *Flem. B. An.* 385; *Macgilliv. Moll. Aberd.* 226; *Thorpe, B. Mar. Conch.* 118; *Brown, Ill. C. G. B.* 72. t. 24. f. 6; *Sow. Thes. Conch.* i. 71. t. 14. f. 74, 75, 79; *Hanley, Rec. Shells*, i. 282. t. 10. f. 37.
Ostrea obsoleta, *Mat. & Rack. Linn. Trans.* viii. 100; *Turt. Conch. Dict.* 133; *Dillw. Rec. Shells*, i. 263; *Ind. Test.* t. 10. f. 37; *Mawe, Conchol.* t. 14. f. 6.
Ostrea tigrina, *Gmel. S. N.* 3327; *Dillw. Rec. Shells*, i. 258; *Ind. Test.* t. 10. f. 26.
Pecten parvus, *Da Costa, B. C.* 155.
Ostrea lævis, *Mont. T. B.* 150; *Mat. & Rack. Linn. Trans.* viii. 100. t. 3. f. 5; *Dillw. Rec. Shells*, i. 263; *Ind. Test.* t. 10. f. 38.
Pecten domesticus, *Chemn.* xi. 261. f. 2031–2036.
Pecten lævis, *Penn. B. Z.* ed. 4. iv. 87. no. 67; *Mont. Test. Brit.* (not *Supp.*) 150, 579. t. 4. f. 1; *Turt. B. Biv.* 212; *Brit. Faun.* 162. no. 296; *Thorpe, Brit. Mar. Conch.* 117; *Brown, Ill. C. G. B.* 72. t. 24. f. 7.
Pecten Armoricanus, *Chenu, Ill. Conch. Pecten*, t. 39. f. 1–3.
a, b. Weymouth.
c—j. Tynemouth. Presented by C. Adamson, Esq.
k—d d. Britain.
ee—t t (odd valves). Coast of Cornwall. Presented by Mrs. Bayter.
uu—w w, var. Loch Fyne. Presented by R. M'Andrew, Esq.

6. ARGUS STRIATUS.

- Pecten striatus*, Müller, *Zool. Dan.* t. 60. f. 3–5; *Jeffreys, Ann. N. H.* xix. 313; *Ald. Cat. Moll. North.* 77; *Lovèn, I. M.* 31. n. 235; *King, Ann. N. H.* xviii. 238; *Forbes & Hanley, Brit. Moll.* ii. 281. t. 51. f. 1–4, & t. S. f. 2, animal.
Ostrea fuci, *Gmelin, S. N.* 3327; *Dillw. Rec. Shells*, i. 258; *Ind. Test.* t. 10. f. 27?; *Chemn. Conch. Cab.* xi. 263. t. 207. f. 2039, 2040.

Pecten aculeatus, *Jeffreys, Conch. Mag.* i. 40 (not described); *Sow. Thes. Conch.* i. 71, *Pecten*, t. 13. f. 47; *Thorpe, Mar. Conch.* 249. f. 30.

Pecten vitreus β , var., *Gmelin*.

Pecten rimulosus, *Philippi, Sicil.* ii. 60 (fossil?).

Pecten spinosus, *Johnston, Trans. Berw. N. C.*

Pecten similis, *Laskey, Wern. Trans.* i. t. 8. f. 8; *Brown, Ill. C.* t. 32. f. 56.

Pect. fuci, *Thompson, Ann. Nat. Hist.* xviii. 385.

P. Landsburgi, *Smith, Wern. Mem.* viii. 106. 58. t. 2. f. 2; *Hanley, Rec. Shells*, i. 282; *Brown, Ill. C.* ed. 2. 73. t. 25. f. 8.

Pallium vitreum (part.), *Chemn. Conch. Cab.* vii. 335. t. 67. f. 637 *b, c*.

a. Hebrides. Presented by R. M'Andrew, Esq.

b—d. Oban.

e. Loch Carron, Ross-shire. Presented by J. G. Jeffreys, Esq.

f—i. Scotland.

j, k (*Pecten furtivus*, *MSS.*?). Scotland.

7. ARGUS SIMILIS.

Pecten similis, *Laskey, Mem. Wern. Soc.* i. 387. t. 8. f. 8; *Flem. B. An.* 385; *Macgilliv. Moll. Ab.* 227; *Brown, Ill. C. G. B.* 73. t. 25. f. 5, 6; *Forbes & Hanley, Brit. Moll.* ii. 293. t. 52. f. 6, & t. S. f. 1 (animal).

Pecten tumidus, *Turt. Biv.* 212. t. 17. f. 3; *Flem. B. An.* 384; *Brown, Ill. C. G. B.* 73; *Hanley, Rec. Shells*, i. 275; *Lovèn, I. M.* 32. 234.

Ostrea tumida, *Turt. Conch. Dict.* 132; *Sow. C. Ill.*

Pecten pygmeus, "*Muenst.*" *Philippi, Sicil.*

P. lævis, young? *Turton*.

a—e. Loch Fyne.

f, g. Ditto. Presented by R. M'Andrew, Esq.

8. ARGUS ISLANDICUS.

Pecten Islandicus, *Müller, Z. D. Prod.* 284. no. 2990, 1776; *Chemn.* vii. 65. f. 615, 616; *Turton, Bivalves*, 216; *Lovèn, Ind. Moll.* 30. 330; *Thorpe, Brit. Mar. Conch.* 119; *Forbes, M. G. S.* i. 419. 76; *Flem. B. An.* 385; *Macgilliv. Moll. Ab.* 226; *Brown, Ill. C. G. B.* 72. t. 24. f. 2; *O. Fabric. Faun. Græn.* 415; *Lamk. Hist.* 2nd ed. vii. 145; *Say, Amer. Conch.* t. 56. f. 1; *Sow. Thes. Conch.* i. 75. t. 17. f. 159, 160, 165; *Gould, Inv. Mass.* 134. f. 87; *Hanley, Rec. Shells*, i. 284; *Forbes & Hanley, Brit. Moll.* ii. 303.

Ostrea Islandica, *Gmel. S. N.* 3326; *Turt. Dict.* 258; *Ind. Test.* t. 10. f. 21.

Ostrea cinnabarina, *Born, Ind. Mus. Cæs.* 87, 1778; *Mus. Cæs.* 103; *Dillw. R. S.* i. 256.

Pecten Pealii, *Conrad, Amer. Conch.* 12. t. 2. f. 2.

Lister, Conch. t. 1057. f. 4; *Seba, Mus.* iii. t. 87. f. 7; *Enc. Méth. Vers.* t. 212. f. 1.

a. Clyde (semifossil). Presented by J. Smith, Esq.

3. LIMA.

Lima, *Brug. Enc. Méth.* 1792; *Cuvier, Tab. élém.* 1798; *R. An.* 1817; *Lamk. Prod.* 1799; *Syst.* 1801; *Phil. Zool.* 1809; *Hist.* vi. 155, ed. 2. vii. 112; *Sow. Gen.*; *Schum. N. Syst.*; *Rang, Man.*; *Latr. Fam. Nat.*; *Gray, Syn. B.M.* 1840; 1842, 92; *Proc. Zool. Soc.* 1847, 200; *Forbes & Hanley, Brit. Moll.* ii. 262.

Ostrea, sp., *Gmel.*; *Linn. S. Nat.*; *Dillw. R. S.*

Glaucus and *Glaucoderma*, sp., *Poli, Test. Sic.* 1795.

Argus and *Argoderma*, part., *Poli, l. c.*

Glaucion, § a, *Oken, Zool.* 1815; *Naturg.* 1821.

Mantellum, *Bolten, Mus.* 1798, ed. 2. 112, 1819.

Pectunculus, sp., and *Concha pectiniformis inæquilateralis triangularis*, *Gualt. Ind.* 1742.

Radula, "Petiver," *Klein, Ostr.* 135, 1753.

Ctenoides, *Klein, Ostrac.* 134, 1753.

Pecten, sp., *Lister, D'Argenville, O. F. Müller, Martini.*

1. LIMA LOSCOMBII.

Lima Loscombii, *Leach, MSS.*; *Sowerby, Gen. Shells, Lima*, f. 4; *Thes. Conch.* i. 86. t. 22. f. 20-22; *Hanley, Thorpe, M. C.* xxx.; *Macgilliv. Moll. Aberd.* 228; *Lovén, I. M.* 32. 242; *Reeve, Conch. Syst.* t. 112. f. 4; *Hanley, Rec. Shells*, i. 267; *Forbes & Hanley, Brit. Moll.* ii. 265. t. 53. f. 1-3.

Lima bullata, *Turton* (not *Ostrea bullata*, *Born*) *Biv.* 218. t. 17. f. 4, 5; *Thorpe, B. Mar. Conch.* 114; *Philippi, Sicil.* ii. 56.

Pecten fragilis, *Mont. T. B. Supp.* 62, not *Chemn.*

Lima fragilis, *Forbes, Mag. N. Hist.* viii. 594. f. 65; *Malac. Monens.* 40; *Brown, Ill. C.* t. 31. f. 5, 7. 2nd ed. 74. t. 31. f. 6, 7, 7*; *S. Wood, Mag. N. H.* 1839, 235. t. 3. f. 3.

Ostrea fragilis, *Turton, Dict.* 131.

Lima strigilata, *Scacchi, Not.* 31 (not *Brocchi*).

a. Britain.

b-d. Britain. From the Collection of Dr. Leach.

2. LIMA HIANIS.

Ostrea hians, *Gmelin, S. N.* 3332, from *Schræt. Einleit. Conch.* iii. 332. t. 9. f. 4; *Dillw. Rec. Shells*, i. 270; *Ind. Test.* t. 11. f. 53.

- Lima tenera*, Turt. (not *Ostrea tenera*, Chemn.) Zool. Journ. ii. 362. t. 13. f. 2; Brown, Ill. C. t. 31. f. 8, 9, ed. 2. 74. t. 23. f. 8, 9; Philippi, Moll. Sic. i. 77, ii. 57. t. 16. f. 3; Forbes, Malac. Monens. 41.
- Lima aperta*, Sow. Thesaur. i. 57. t. 22. f. 26-29; Thorpe, M. C. 249; Hanley, Rec. Shells, i. 268.
- Lima bullata*, Payraud. Moll. Corse, 70; D'Orb. Moll. Canar. 101.
- Pecten fragilis*, Mont. T. B. Supp. 62.
- Lima fragilis*, Flem. B. A. 388; Scacchi, Cat. 4; Couch, Corn. Faun. pt. ii. 37.
- L. oblonga*, S. Wood, Mag. N. H. 1839, 233. t. 3. f. 2? (fossil).
- L. vitrina*, Brown, Conch. Text-Book, 1833, 113. t. 15. f. 7; Ill. C. t. 31. f. 10, 11; ed. 2. 74. t. 23. f. 10, 10*, 11, 11*.
- L. Sarsii*, Kröyer (fide Lovén).
- L. inflata*, "Lam.," Forbes, Malac. Mon. 41; Brown, Ill. C. G. B. 74.
- L. exilis*, S. Wood, Mag. N. Hist. new ser. iii. 234. t. 3. f. 1? (fossil).
- L. oblonga*, S. Wood, l. c. t. 3. f. 2 (fossil).
- Limæ*, Forbes, Mag. N. Hist. viii. 593, 594. f. 63, 64.
- Lima hians*, Lovén, I. M. 32; Forbes & Hanley, Brit. Moll. ii. 268. t. 52. f. 3-5, & t. R. (animal).
- a, b*. Oban. Presented by R. M'Andrew, Esq.
- c-f*. Oban.
- g, h*. Arran. Presented by the Rev. D. Landsborough.
- i-l*. Scotland.
- m-s*. Ditto.

4. LIMATULA.

- Limatula*, S. Wood, Mag. N. H. new ser. iii. 236, 1839; Morris, Brit. Foss. 111, 1843; Gray, Proc. Zool. Soc. 1847, 200; Herrmannsen, Ind. i. 595.
- Pecten*, sp., Montagu, Test. Brit.; Fleming, Ed. Encyc.
- Lima*, sp., Turton, Brit. Biv.; Sowerby, Thes. Conch.; Philippi, Moll. Sic. ii. 56; Lovén, I. M. Skand. 32; Forbes & Hanley, Brit. Moll. ii. 263.
- Limula*, D'Orbigny, Pal. Franç.

1. LIMATULA SUBAURICULATA.

- Pecten subauriculatus*, Mont. T. B. Supp. 63. t. 29. f. 2; Flem. Edin. Enc. t. 205. f. 12.
- Ostrea subauriculata*, Turt. Dict. 131; Ind. Test. Supp. t. 2, *Ostrea*, f. 5.
- Lima subauriculata*, Turt. Bivalves, 218; Flem. B. An. 388; Thorpe, Brit. Mar. Conch. 114; Hanley, Rec. Shells, i. 266;

- Supp. t. 2, Ostrea, f. 5; Philippi, Moll. Sicil. ii. 56; Sow. Thes. Conch. i. 84. t. 22. f. 23; Lovèn, I. M. 32. no. 243; Forbes & Hanley, Brit. Moll. ii. 263. t. 53. f. 4, 5.*
Lima sulcata, Leach, B. M.; Brown, Ill. C. t. 31. f. 4, 5; 2nd ed. 74. t. 23. f. 4, 5; Möller, Moll. Græn. 16.
Ostrea nivea, Brocchi, 571. t. 14. f. 14; Risso.
Lima nivea, Philippi, Moll. Sicil. i. 78.
Lima sulculus, Lovèn, Ind. Moll. 32?
Limatula subauriculata, S. Wood, Mag. N. H. 1839, 235. t. 3. f. 6.

a—e. Oban and Inverary.

Fam. 2. SPONDYLIDÆ.

- Spondylidæ, Gray, Ann. Phil. 1826; Syn. B. M. 1840; 1842, 84, 92; Proc. Zool. Soc. 1848, 201; Geinitz, Grund. d. Verst. 473, 1846; Flem. Brit. An.*
Argus or Argoderma, Poli, Test. Sicil.
Ostracés, part., Goldfuss, Hand. der Zool.; Cuvier, R. A. ed. 2. 1830.
Ostracées, part., Lamk. Cour. 104, 1812; Latr. Fam. Nat.
Pectenides, part., Lamk. Hist. vi. 153; Rang, Man. Moll. 276; Latr. Fam. Nat.; Féruss. Prod. 40.
Pectinea, part., Menke, Syn. 98, 1830; Anton, Verz. Conch. 12.
Pectenidæ, Leach, MSS. 1818, Ann. & Mag. N. H. xx. 272.
Subostracés, Blainv. Dict. Sci. Nat. x.
Spondyloidæ, Agassiz, Nom. Ind. 1847.
Spondylea, Menke, 1846, in Agass. Nom.

1. HINNITES.

- Hinnites, DeFrance, Dict. Sci. Nat. xxi. 169, 1821; Sow. Zool. Journ. iii. 67; Conch. Man. 162; Desh. in Lamk. Hist. ed. 2. vii. 148; Gray, Syn. B. M. 1840, 1842; Proc. Z. Soc. 1847, 201; Blainv. Malac. 524, 1825; Flem. Brit. An. 381; Cuvier, R. A. ed. 2. 1830; J. Sow. Min. Conch. t. 601; Swains. Malac. 388; Philippi, Moll. Sicil. ii. 62.*
Hynnites, Herrmannsen, Index.
Hinnus?, S. Wood, Ann. & Mag. N. H. 1841; Morris, Brit. Foss. 110, 1843.
Hinnita, Gray, Ann. Phil. new series, xii. 103, 1826; Féruss. Tab. Syst. 1821; Menke, Syn. 58, 1828, ed. 2. 98; Agass. Moul. d. Moll. 24; Conrad, Freshwater Shells of United States?, 1834; Oken, Isis, 1834, 503; Pot. & Mich. Gal. ii. 68, 1844; Rang, Man. 278, 1829; Desh. Dict. Class. d'Hist. Nat. & In. Enc. Meth. iii. 272.

Pecten (sp.), *D'Orb.*; *Sow, Genera, Pecten*, f. 6; *Forbes & Hanley, Brit. Moll.* ii. 278.

Lima (sp.), *Gray*.

Ostrea, sp., *Pennant, Brit. Zool.*; *Gmel.*; *Brocchi*.

1. HINNITES PUSIO.

Ostrea pusio, *Linn. S. N.* ed. 12. 1146?; *Don. B. S.* i. t. 34.

Pecten pusio, *Penn. B. Z.* ed. 4. iv. 86 (1777), n. 65. t. 61. f. 65; *Flem. Brit. An.* 385; *Sow. Gen. Pecten*, f. 6; *Reeve, Conch. Syst.* t. 114. f. 6; *Turton, Biv.* 215. t. 17. f. 2, jun.; *Brit. Faun.* 161. no. 292; *Philippi, Moll. Sic.* i. 84, ii. 58; *Sow. Thes. Conch.* i. 72. t. 14. f. 62, 63; *Forbes & Hanley, Brit. Moll.* ii. 278. t. 50. f. 4, 5. t. 51. f. 7; *Macgilliv. Moll. Ab.* 226; *Thorpe, Brit. Mar. Conch.* 119; *Lamk. Hist.* vii. n. 58?

Pecten distortus, *Da Costa, Brit. Conch.* (1778), 148. t. 10. f. 3-6; *Mont. T. B.* 148; *Supp.* 61; *Lovèn, Ind. Moll. Sk.* 30. no. 231; *Alder, Cat. Moll. North.* 77.

Ostrea distorta, *Pulteney, Dorset*, 36.

Hinnites pusio, *Sow. Zool. Journ.* iii. 71; *Conch. Man.* f. 173.

Ostrea sinuosa, *Gmel.* 3319; *Mat. & Rack. Linn. Trans.* viii. 99; *Dorset Cat.* 38. t. 10. f. 3-6; *Turt. Conch. Dict.* 130; *Dillw. Rec. Shells*, i. 262; *Ind. Test.* t. 10, *Ostrea*, f. 34.

Pecten sinuosus, *Turt. B. Biv.* 210. t. 9. f. 5; *Lamk. Hist.* 49, ed. 2. vii. 148; *Flem. B. An.* 384; *Thorpe, M. C.* 116; *Macgilliv. Moll. Aberd.* 225; *Brown, Ill. C.* t. 33. f. 8, ed. 2. 73. t. 25. f. 2; *Forbes, M. G. S.* i. 420. 80; *Malac. Monens.* 40.

Pecten Isabellæ, *fry, Macgilliv. Moll. Aberd.* 225 (not *Lamk.*); *Thorpe, B. M. Conch.* 250; *Brown, Ill. C. G. B.* 132.

Pecten spinosus, *Brown, Ill. C. G. B.* 73. t. 24. f. 8.

P. parvus, &c., *List. Conch.* t. 189. f. 23 (A.).

Hinnites sinuosus, *Desh. Lamk.* ed. 2. vii. 149, note; *Sow. Thes. Conch.* i. 79. t. 20. f. 1-3; *Cuv. Règ. An.* ed. *Croch.* t. 77. f. 1; *Brod. Penny Cyclop.* xvii. 359.

Pecten striatus, *Sow. Min. Conch.* t. 394. f. 2-4 (fossil).

Hinnites, *Gray*.

Lister, An. Ang. t. 4. f. 31; *Hist. Conch.* 172. f. 9.

a—e. Scarborough. Presented by Mrs. Robinson.

f—n. Britain.

o, p (attached to old *Ostrea* shell). Falmouth. Presented by W. P. Cocks, Esq.

Fam. 3. OSTREIDÆ.

Ostreidæ, *Brod. Penny Cyclop.* xiv. 1839; *Gray, Syn. B. M.* 1840; 1842, 84, 92; *Rev. Zool.* 452; *Proc. Zool. Soc.* 1847, 201.

- Peloris or Peloroderma, *Poli, Test. Sicil.*
 Ostreadæ, part., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272 ;
Flem. Brit. An.
 Ostreacia and Anominia, *Rafin. Anal. Nat.*
 Ostraces §, *Féruss. Prod.* 40 ; *Rang, Man. Moll.* 275.
 Ostracées, part., *Lamk. Cour.* 104 ; *Cuv. R. An.* ; *Goldfuss, Handb.* 600.
 Ostracées, § 1, *Lamk. Hist.* vi. 195.
 Ostreacea, *Schweigger, Naturg.* 712, 1820 ; *Menke, Syn.* 97, 1830 ;
Anton, Verz. Conch. 12.
 Ostracidæ, part., *D'Orb. Moll. Canar.* 1837 ; *Pal. Franç.* 1845 ;
Geinitz, Grund. 476, 1846 ; *Swainson, Malac.* 387.
 Ostracea (les Ostracées), *Lamk. Phil. Zool.* 1809 ; *Ext. Cours,*
 1812 ; *Hist.* vi. 1819 ; *Cuv. R. A.* 1817 ; *Goldfuss, Hand. Zool.*
 1820.
 Ostreæ, *Férussac, Tab. Syst.* 1821.
 Ostreadæ, *Fleming, Brit. Anim.* ; *Guild. Zool. Journ.* 1828.
 Ostraceæ, *Menke, Syn.* 37, 1828.
 Ostraceidæ, *D'Orb. Moll. Canar.* 1837 ; *Swains. Malac.* 387,
 1840.
 Ostreina, *Agassiz, Nomenclat.*

1. OSTREA.

- Ostrea, part., *Linn. S. Nat.*
 Ostrea, *Lamk. Syst.* 1801 ; *Hist. A. s. V.* vi. 200, 2nd ed. vii. 214 ;
Latr. Fam. Nat. 1825 ; *Rang, Man.* 1829 ; *Menke, Syn.* 1830 ;
Megerle, Entw. 1811 ; *Gray, Lond. Med. Rep.* 1821 ; *Syn.*
B. M. 1840 ; 1842, 92 ; *Proc. Zool. Soc.* 1847, 201 ; *Forbes &*
Hanley, Brit. Moll. ii. 306.
 Ostrea β, *Megerle.*
 Ostrea D., *Blainv. Man.*
 Ostreæa, *Forbes, Mal. Mon.* ; *Reeve, Conch. Syst.* ; *Swains. Mal.*
 Ostreum (sp.), *Adanson, Seneg.* 1757.
 Dendostræa, *Swains. Malac.*
 Mya, sp., *Scopoli, Int. Hist. Nat.?*
 Alectryonia, "*Fischer, Gray,*" *Herrmanns. Ind.* ii. 390.
 Amphidonta, *Fischer, Bull. Soc. Mosc.* 1829.
 Peloris and Peloriderma, sp., *Poli, Test. Sicil.*

1. OSTREA EDULIS.

- Ostrea edulis, *Linn. S. N.* 1148 ; *Faun. Suec.* 520 ; *Chemn. Conch.*
 viii. f. 682 ; *Penn. B. Z.* ed. 4. iv. 87. n. 69. t. 62. f. 70 (with an
 Anomia upon it) ; *Pulteney Hutch. Dors.* 36 ; *Flem. B. An.* 392 ;
Wood, Linn. Trans. vi. t. 18. f. 9, 10 ; *Turt. Conch. Dict.* 133 ;
B. Biv. 204 ; *Brit. Faun.* 162. no. 297 ; *Mont. T. B.* 151 ; *Mat.*

- & Rack. *Linn. Trans.* viii. 101; *Dorset Cat.* 38. t. 11. f. 7;
Lamk. Hist. 2nd ed. vii. 217; *Thorpe, Brit. Mar. Conch.* 120;
Born, Mus. Cæs. 113; *Brown, Ill. C. G. B.* t. 31. f. 19, 2nd ed.
 71. t. 23. f. 19, & t. 30. f. 6, 7; *Forbes, M. G. S.* i. 426. 82;
Lovèn, Ind. M. Sk. 30. 228; *Dillw. Rec. Shells*, i. 280; *Ind.*
Test. t. 10. f. 74; *Blainv. Man. Malac.* t. 60. f. 1; *Crouch,*
Intr. Conch. t. 12. f. 8; *Sow, Gen. Shells, Ostrea*, f. 1; *Brown,*
Conch. Text-Book, ed. 1. 111; *Reeve, Conch. Syst.* t. 120. f. 1;
Forbes & Hanley, Brit. Moll. ii. 307. t. 54, t. T. f. 1 (animal).
Ostreum vulgare, *Da Costa*, 154. t. 11. f. 6.
Ostrea borealis, *Gould*.
Ostrea saxatilis, *Turton, Brit. Faun.* 162. no. 298.
Ostrea major, *List. Conch.* t. 193. f. 30 = *List. An. Ang.* t. 4. f. 26.
Ostrea parasitica, *Turton* (not *Gmel.*), *Dict.* 134. f. 81; *Bivalves*,
 205. t. 17. f. 6, 7; *Thorpe, M. C.* 120. f. 108; *Flem. B. An.*
 393; *Brown, Ill. C.* ed. 2. t. 23. f. 20, 21.
Ostrea depressa, *Philippi, Sicil.* t. 6. f. 3; *Jeffreys, Ann. & Mag.*
N. H. xix. 312.
 ? *Ostrea deformis*, *Lamk. Hist.* 2nd ed. vii. 229 (*Turton, Bivalves*,
 206).
Ostrea Hippopus, *Lamk. Hist.* 2nd ed. vii. 219.
Peloris vulgaris = *Peloriderma edulis*, *Poli*, ii. 255, 259.
 a. Belfast Bay. Presented by W. Thompson, Esq.
 b—e. Britain.
 f—i. Ditto.
 j, k. Dawlish.
 l, m. Falmouth. Presented by W. P. Cocks, Esq.

Fam. 4. ANOMIADÆ.

- Anomiadæ*, *Gray, Syn. B. M.* 1840; 1842, 84, 92; *Proc. Zool.*
Soc. 1847, 201; *Cat. Biv. Moll. Brit. Mus.* 7.
Anomia, sp., *Linn. S. N.* xii. 1150, &c. (not *Fab. Colon.* 1616).
Anomia, *Müller, Zool. Dan. Prod.* 31, 1776; *Lamk. Syst.* 137,
 1801.
Echion and *Echionoderma*, *Poli, Test. Sicil.* i. 34, ii. 225.
Ostracées, part., *Lamk. Cour.* 104.
Ostracées, § 2, *Lamk. Hist.* vi. 196.
Ostracea, part., *Menke, Syn.* 1830; *Anton, Verz.* 12.
Ostracés §, *Féruss. Prod.* 40; *Rang, Man. Moll.* 273.
Anomiea, *Herrmannsen, Ind.* i. 61.
Ostreadæ, part., *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 272;
Flem. B. An.; *Forbes & Hanley, Brit. Moll.* ii.
 ? *Bursula*, sp., *Klein, Ost.* 173, 1753.

1. ANOMIA.

Anomia, part., *Linn. S. Nat.*

Anomia, *Müller, Zool. Dan.* 1776; *Retzius, Nov. Gen. Test.* 1788; *Brug. Enc. Méth.* i. 69, 1789; *Lamk. Prod.* 1799; *Syst.* 1801; *Hist.* ed. 2. vii. 271; *Megerle, Entw.* 1811; *Latr. Fam. Nat.; Blainv. Malac.; Rang, Man.; Gray, Med. Repos.* 1821; *Syn. B. M.* 1840; 1842, 92; *Proc. Zool. Soc.* 1847, 201; *Cat. Biv. Moll. Brit. Mus.* 14; *Forbes & Hanley, Brit. Moll.* ii. 322.

Anomia, A., *Schum. Ess.* 1817.

Echion and Echionoderma, sp., *Poli, Test. Sicil.*

Anomya, *Agassiz, Moul. d. Moll.* i. 23, 1839 (misprint?).

Fenestella, *Bolten, Mus.* 1798.

Lampades, sp., *Meuschen, Mus. Gevers.* 1787.

Cepa, sp., *Humph. Mus. Calonn.* 1797.

Bursula, *Klein, fide Desh. Enc. Méth.* ii. 150.

Stola, part., *Klein, Ostr.* 173.

"Ænigma, Koch," fide Cabinet of Mr. Cuming.

1. ANOMIA EPHIPIUM.

Anomia ephippium, *Linn. S. N.* 1150; *Penn. B. Zool.* ed. 4. iv. 93. t. 62; *Don. B. S. t.* 26; *Mat. & Rack. Linn. Trans.* viii. 102; *Dorset Cat.* 38. t. 11. f. 3; *Wood, Linn. Trans.* vi. t. 18. f. 11, 12; *Mont. T. B.* 155; *Forbes, M. G. S. i.* 420. 83; *Sow. Conch. Man.* f. 186; *Sow. Gen. Shells, Anomia*; *Mawe, Linn. Conch. t.* 15. f. 6; *Bowdich, Elem. Conch.* pt. 2. *Biv.* f. 90; *Lamk. Hist.* 2nd ed. vii. 273; *Ind. Test. t.* 11. f. 3; *Dillw. Rec. Shells, i.* 287; *Macgilliv. Moll. Aberd.* 230; *Thorpe, B. Mar. Conch.* 121; *Brown, Ill. Conch. G. B.* 69. t. 22. f. 1-4; *Turt. Conch. Dict.* 2; *Brit. Biv.* 227. t. 18. f. 1-3, t. 17. f. 10; *Brit. Faun.* 162. no. 299; *Flem. B. An.* 395; *Born, Mus. Cæs.* 117; *Retzius, Nov. Gen.* 10; *Chemn. Conch. Cab.* viii. 81. t. 76. f. 692, 693; *Poli, Test. Sicil.* ii. 186. t. 30. f. 9, 10; *Philippi, Moll. Sic. i.* 92, ii. 65; *Reeve, Conch. Syst.* 124; *Forbes & Hanley, Brit. Moll.* ii. 325. t. 55. f. 2, 3, 5, 7, & t. T. f. 2, animal; *Gray, Cat. Biv. Moll. Brit. Mus.* 14.

Anomia electrica, *Linn. S. N.* ed. 12. 1150; *Flem. B. An.* 394; *Turton, Dict. i.* f. 67; *Bivalves,* 226. t. 17. f. 8, 9; *Thorpe, Brit. Mar. Conch.* 120; *Brown, Ill. Conch. G. B.* 70. t. 46. f. 5; *Dillw. Rec. Shells, i.* 287; *Ind. Test. t.* 11. f. 5; *Lamk. Hist.* 2nd ed. vii. 274; *Chemn. Conch. Cab. t.* 76. f. 691.

Ostrea lævis, List. Conch. t. 205. f. 29.

Anomia Tunica Cepæ, *Da Costa,* 165. t. 11. f. 3.

Anom. Cepa, *Linn. S. N.* 1151; *Chemn. Conch. Cab.* viii. 85. t. 76. f. 695; *Donov. B. Shells, i.* t. 26, side figs.; *Flem. B. An.* 395; *Thorpe, Brit. Mar. Conch.* 121; *Brown, Ill. Conch. G. B.* 70.

t. 39. f. 12*; *Pulteney, Dorset*, 37; *Turt. Conch. Dict.* 3; *Bivalves*, t. 18. f. 4, young; *Dillw. Rec. Shells*, i. 287; *Lamk. Hist.* 2nd ed. vii. 274.

Anomia Cæpa, Poli, Test. Sic. ii. 182. t. 30. f. 1, 2, 5-8; *Echion versicolor* and *Echionoderma ehippium, Poli*, ii. 258, 259.

JUN. *Anom. squamula, Linn. S. N.* 1150; *Faun. Suec.* 521; *Penn. B. Zool.* ed. 4. iv. 93. n. 71; *Da Costa*, 167; *Mont. T. B.* 156 & 561; *Turton, Conch. Dict.* 3; *Brit. Bivalves*, 229. t. 18. f. 5, 6, 7; *Brit. Faun.* 163. no. 300; *Forbes, M. G. S.* i. 420. 84; *Pulteney Hutch. Dorset*, 36; *Mat. & Rack. Linn. Trans.* viii. 102; *Dorset Cat.* 39. t. 13. f. 4; *Flem. B. An.* 395; *Macgilliv. Moll. Aberd.* 231; *Thorpe, Brit. Mar. Conch.* 122; *Brown, Ill. Conch. G. B.* 69. t. 22. f. 5; *Chemn. Conch. Cab.* viii. 86. t. 76. f. 696; *Poli, Test. Sic.* ii. 186. t. 30. f. 18; *Lamk. Hist.* 2nd ed. vii. 275.

Echion anomalus and *Echionoderma squamula, Poli*, ii. 258, 259.

Anomia punctata, Turton, Bivalves, 232. t. 18. f. 11; *Chemn. Conch. Cab.* viii. 88. t. 77. f. 698; *Flem. B. An.* 395; *Macgilliv. Moll. Ab.* 232; *Thorpe, Brit. Mar. Conch.* 122; *Brown, Ill. Conch. G. B.* 70. t. 39. f. 13*; *Gmel. Syst. Nat.* 3346; *Dillw. Rec. Shells*, i. 288; *Ind. Test.* t. 11. f. 6.

An. cylindrica, Gmel. S. N. 3349; *Schröt. Einleit. Conch.* iii. 419. t. 9. f. 13; *Turt. Dict.* 6; *Bivalves*, 232; *Flem. B. An.* 395; *Macgilliv. Moll. Ab.* 232; *Thorpe, B. Mar. Conch.* 123; *Dillw. R. Shells*, i. 291; *Brown, Ill. Conch. G. B.* 70. t. 22. f. 7, 8; *Ind. Test.* t. 11. f. 13.

An. cymbiformis, Mat. & Rack. Linn. Trans. viii. 104. t. 3. f. 6; *Montag. T. B. Supp.* 64; *Turt. Brit. Faun.* 163. no. 303.

A. pyriformis, Lamk. H. 2nd ed. vii. 275; *Potiez, Gal. Douai*, ii. 41. t. 43. f. 10; *Deless. Rec.* t. 17. f. 4.

An. fornicata, Lamk. Hist. 2nd ed. vii. 275. ? n. 6 = *Enc. Méth.* t. 170. f. 45; *Turt. Bivalves*, 234. t. 18. f. 12, 13; *Thorpe, Brit. Mar. Conch.* 123; *Flem. B. An.* 396; *Brown, Ill. Conch. G. B.* 70. t. 39. f. 14*, 15*.

An. tubularis, Turt. Bivalves, 234; *Flem. B. An.* 396; *Thorpe, B. Mar. Conch.* 124; *Brown, Ill. Conch. G. B.* 70.

An. coronata, Bean, Mag. N. Hist. viii. 564. f. 52.

An. pellucida, Brown, Wern. Trans. ii. 514; *Illust. Conch.* t. 10*. f. 5.

An. violacea, Brug. Enc. Méth. 71.

An. costata, Brocchi, 463. t. 10. f. 9.

An. plicata, Brocchi, Conch. 665. t. 16. f. 9.

An. patelliformis, Chemn. viii. 89. t. 77. f. 700; *Dillw. R. S.* i. 290.

An. striatula, Brug. *Enc. Méth.* 74.

? *An. bifida*, Chemn. viii. 79. t. 76. f. 689, 690; *Dillw. R. S.* i. 291.

? *An. membranacea*, Lamk. vi. 228, ed. 2. vii. 275. no. 7=*Enc. Méth.* t. 170. f. 1-3?

An. sulcata, Poli, t. 30. f. 12; *Brocchi*, t. 10. f. 2.

An. radiata, *Brocchi*, t. 10. f. 10.

An. pecteniformis, Poli, t. 30. f. 31; *Philippi*, Sic. ii. 63. t. 18. f. 3.

An. margaritacea, Poli, ii. t. 30. f. 11; *Philippi*, *Moll. Sic.* ii. 65.

A. flexuosa, Gmel. S. N. 3349; *Schröt. Einleit. Conch.* iii. 418. t. 9. f. 11; *Ind. Test.* t. 12, *Anomia*, f. 31.

A. rugosa, Gmel. S. N. 3349; *Schröt. Einleit. Conch.* iii. 419. t. 9. f. 12.

A. patellaris, Lamk. *Hist.* 2nd ed. vii. 273; *Deless. Rec.* t. 17. f. 3.

A. polymorpha, *Philippi*, *Moll. Sic.* ii. 65.

A. scabrella, *Philippi*, *Moll. Sic.* ii. 65. t. 18. f. 1.

An. scabra, Soland. MSS. fide *Dillw.*

An. lens, Lamk. *Hist.* vi. 228, 2nd ed. vii. 276. no. 9.

An. aspera, *Philippi*, Sic. ii. 65. t. 18. f. 4.

An. elegans, *Philippi*, ii. 65. t. 18. f. 2.

? *An. cucullata*, Brug. *Enc. Méth.* 70.

a—e. Britain.

f—k. Ditto.

l—q. Ditto.

r—w. Ditto. Presented by Mrs. Robinson.

x, y. Falmouth. Presented by W. P. Cocks, Esq.

z—b b. Britain.

c c, d d. Ditto.

e e—n n, jun. Britain.

o o—w w. Ilfracombe. Presented by J. E. Gray, Esq.

VAR. *Anomia aculeata*, Müller, *Zool. Dan. Prod.* 249; *Mont. Test. Brit.* 157. t. 4. f. 5; *Mat. & Rack. Trans. Linn. Soc.* viii. 103; *Chemn. Conch. Cab.* viii. 92. t. 77. f. 702; *Turt. Conch. Dict.* 4; *Brit. Bivalves*, 233; *Brit. Faun.* 123. no. 301; *Flem. B. An.* 396; *Macgilliv. Moll. Ab.* 232; *Thorpe, Brit. Mar. Conch.* 123. f. 73; *Brown, Ill. Conch. G. B.* 70. t. 22. f. 6; *Brug. Enc. Méth. Vers.* i. 73; *Dillw. Rec. Shells*, i. 288; *Philippi, Moll. Sic.* ii. 214. t. 28. f. 1?; *Gould, Invert. Mass.* 139. f. 90; *Lovèn, Ind. Moll. Skand.* 30. 223; *Forbes & Hanley, Brit. Moll.* ii. 333. t. 55. f. 4.

Anom. striolata, var., *Turt. B. Biv.* 233; *Flem. Brit. An.* 396; *Macgilliv. Moll. Aberd.* 233?; *Thorpe, Brit. Mar. Conch.* 125; *Brown, Ill. Conch. G. B.* 70.

a—g. Britain.

h—m. Ditto. Presented by Mrs. Robinson.

2. PLACUNANOMIA.

Anomia β , *Schumach. Ess.* 1817.

Placunanomia, *Brod. Proc. Z. Soc.* 1832, 29; *Müller, Syn.* 176;
Desh. in Lamk. Hist. vii. 269; *Gray, Proc. Z. Soc.* 1849, 119;
Cat. Biv. Moll. Brit. Mus. 8; *D'Orb. Amer. Merid.*

Pododesmus (decipiens), *Philippi, Wieg. Arch.* i. 385, 1837.

Anomia, part., *Blainv. Man.*; *Montagu, T. B.*; *Forbes & Hanley, Brit. Moll.*

Ostrea, sp., *Da Costa, B. Conch.*; *Mont. T. B.*

Placunomia, *Swainson, Malac.* 39, 1840.

1. PLACUNANOMIA PATELLIFORMIS.

Anomia patelliformis, *Linn. N. A. Upsal.* i. 42. t. 5. f. 6, 7;
S. Nat. ed. 12. 1151; *Lovèn, I. M.* 30. n. 222; *Retzius, Nov. Gen. Test.* 11; *Forbes & Hanley, Brit. Moll.* ii. 334. t. 5. f. 5, 6;
Wood (not Linn.), Ind. Test. t. 11. f. 10.

Placunanomia patelliformis, *Gray, Cat. Biv. Moll. Brit. Mus.* 12. no. 8.

An. undulata, *Gmelin, S. N.* 3346; *Mont. T. B.* 157. t. 4. f. 6;
Mat. & Rack. Linn. Trans. viii. 103; *Dorset Cat.* 39. t. 11. f. 4;
Macgilliv. Moll. Aberd. 231; *Turt. Conch. Dict.* 4; *Brit. Biv.* 230. t. 18. f. 8-10; *Brit. Faun.* 163. no. 302; *Flem. B. An.* 395;
Brown, Conch. Text-Book, ed. 1. 110; *Ill. Conch. G. B.* 69. t. 22. f. 2, 3; *Brug. Enc. Méth.* i. 74. t. 171. f. 16, 17,
t. 184. f. 5, 6; *Dillw. Rec. Shells*, i. 289; *Ind. Test.* t. 11. f. 9;
Thorpe, Brit. Mar. Conch. 122.

An. undulatim striata, &c., *Chemn. Conch. Cab.* viii. 88. t. 77. f. 699.

Ostreum striatum, *Da Costa, B. Conch.* 162. t. 11. f. 4.

Ostrea striata, *Pulleney Hutch. Dorset*, 36; *Donov. B. Shells*, ii. t. 45;
Mont. Test. Brit. 153 & 580.

An. squama, *Gmel. S. N.*; *Schum. Ess.*

Anomia striata, *Lovèn, Ind. Moll. Skand.* 29; *Forbes & Hanley, Brit. Moll.* ii. 336. t. 55. f. 1-6, t. 53. f. 6.

? Squama magna, *Chemn. Conch. Cab.* viii. 87. t. 77. f. 697 (from which Anomia squama, *Gmel. & Wood*).

List. Ang. t. 4. f. 27; *Conch.* t. 202. f. 36, 37.

$\left. \begin{array}{l} a-h. \\ i-v. \end{array} \right\} \text{ (An. striata.) Britain.}$

Class II. BRACHIOPODA.

Brachiopoda, *Cuvier, Ann. du Mus.* i. 44, & in *Roissy, Moll.* vi. 460, 1805; *Dumeril, Trait. élém.* 1806; *Lamk. Phil. Zool.* 1809; *Latr. Fam. Nat.*; *Schweigg. Naturg.* 689; *Rang, Man.*; *Flem. Brit. An.*; *Menke, Syn.* i. 95, 1836; *Gray, Syn. B. M.* 1840; 1842, 85; *Proc. Zool. Soc.* 1847, 202; *Ann. Nat. Hist.* 2nd ser. ii. 435, 1848.

Anomia, part., *Linn. S. Nat.*

Criopus or Criopoderma, *Poli, Test. Sicil.*

Branchiopoda, *Risso, Hist.* iv. 1826; *Swains. Malac.* 1840.

Spirobranchiophora, *Gray, Med. Repos.* 1821, 238.

Lingulacea, *Blainv. Dict. Sc. Nat.* x. 1818.

Acephalophora palliobranchia, *Blainville, Prodr.* 1814.

Acephala Brachiopoda, *Anton, Verz. Conch.* 12, 1839.

Acephala Palliobranchiata or Brachiopoda, *Forbes & Hanley, Brit. Moll.* ii. 339.

Conchifères monomyaires, Sect. III., *Lamk. Hist.* vi. 229.

Conchifères Brachiopodes, *Lamk. Hist.* vi. 241.

Mol. acephala testacea monomyaria (monomyaires), part., *Lamk. Hist.* vi. 1, 2nd ed. vii. 1.

Brachyoepa, *Rafin. Anal. Nat.* 1815.

Acephales testacés, Brachiopodes (and Ostracées, part.), *Lamk. Ext. du Cour.* 104, 1812; *Rang, Man. Moll.* 257.

Palliobranchiata or Palliobranches, *Blainv. Dict. Sc. Nat.* xxxii. 1824; *King, Ann. & Mag. N. H.* xviii. 1846.

Multivalves, part., *Megerle, Berl. Mag.*

Therozoa Brachiopoda, *Eichwald, Zool. Spec.* i. 272.

Order I. SARCICOBRACHIA.

Sarcicobrachia, *Gray, Ann. N. H.* 2nd ser. ii. 436, 438, 1848, *King.*

Fam. 1. CRANIADÆ.

Craniadæ, *Gray, Syn. B. M.* 1840; 1842, 192; *Ann. N. H.* 2nd ser. ii. 438, 1848; *Agassiz, Nom.*; *Herrmanns. Ind.* i. 315; *Forbes & Hanley, Brit. Moll.* ii. 364.

Craniacea, *Menke, Syn.* ed. 2. 96, 1830.

Craniaceæ, *Menke, Syn.* ed. 1. 56, 1828.

Orbiculacea and Craniacea, *Anton, Verz. Conch.* 12, 1839.

Les Craniés, *Féruss. Tab. Syst.* 1821; *Rang, Man. Malac.* 262; *Desh. Enc. Méth.*

Craniidæ, *King, Ann. N. H.* xviii. 28, 1846.

1. CRANIA.

Crania, *Retzius, Schrift. Ges. Nat. Berlin*, ii. 66, 1781; *Diss.* 11. 1788; *Brug. Enc. Méth.* i. 1789; *Lamk. Prod.* 1799; *Syst.* 1801; *Phil. Zool.* 1809; *Hist.* ed. 1. vi. 237, ed. 2. vii. 297; *Megerle, Entw.* 1811; *Schum. N. Ess.* 1817; *Féruss. Tab. Syst.*; *Rang, Man.*; *Schweigg. Naturg.*; *Blainv. Malac.*; *Latr. Fam. Nat.*; *Menke, Syn.* 56; *Philippi, Moll. Sicil.*; *Gray, Lond. Med. Repos.* 1821; *Ann. Philos.* 1825; *Syn. B. M.* 1840; 1842, 92; *Proc. Zool. Soc.* 1847, 202; *Forbes & Hanley, Brit. Moll.* ii. 365.

Criopus and Criopoderma, *Poli, Test. Sic.*; *Flem. Brit. An.*

Cryopus, *Desh. E. Méth.*

Orbicula, sp., *Lamk. Syst.* 1801; *Schum. N. Ess.*

Discina, *Turt. Brit. Biv.* (not *Lamk.*).

Patella, sp., *Fabr.*, *Müller, Montagu.*

Anomia, sp., *Linn.*, *Chemn.*

1. CRANIA ANOMALA.

Patella anomala, *Müll. Z. D. t.* 6.

Pat. distorta, *Mont. Linn. Trans.* xi. 195. t. 13. f. 5; *Flem. Ed. Enc.* vii. 65. t. 204. f. 4.

Anomia turbinata, *Dillw. Rec. Shells*, i. 286 (part.); *Ind. Test.* t. 11. f. 2.

Discina ostreoides, *Turt. B. Biv.* 237, not *Lamk.*

Crania personata, *Sow. Trans. Linn. Soc.* xiii. 471. t. 26. f. 3; *Crouch, Intr. Conchol.* t. 13. f. 3?

Criopus anomalus, *Flem. Phil. Zool.* ii. 499; *B. An.* 377.

Crania rostrata, *Thorpe, B. Mar. Conch.* 125.

Orbicula Norvegica, *Potiez & Mich. Gal. Douai Moll.* ii. t. 43. f. 1?; *Brown, Ill. C. G. B.* 69. t. 22. f. 9, t. 20. f. 21, 22.

Crania Norvegica, *Sow. Thes. Conch.* i. 368. t. 73. f. 15-17.

Crania anomala, *Lovèn, Ind. Moll. Sk.* 29; *Forbes & Hanley, Brit. Moll.* ii. 366. t. 56. f. 7, 8; t. U. f. 2 (animal as *C. Norvegica*).

a, b. Cork. Presented by Miss Elliot.

c. Ditto. Presented by J. D. Humphreys, Esq.

Order II. ANCYLOBRACHIA.

Ancylobrachia, *Gray, Ann. N. H.* 2nd ser. ii. 435, 436, 1848.

Fam. 1. TEREBRATULIDÆ.

Terebratuladæ, *Leach, MSS.* 1818, *Ann. & Mag. N. H.* xx. 273.

Terebratulidæ, *Gray, Syn. B. M.* 1840; 1842, 85, 92; *M'Coy, Carb. Foss. Ireland*; *King, Ann. & Mag. Nat. Hist.* xviii.;

Gray, Ann. N. H. 2nd ser. ii. 436, 1848; *Forbes & Hanley, Brit. Moll.* ii. 343.

Terebratulacea, *Menke, Syn.* ed. 2. 95, 1830.

Terebratulacea, part., *Anton, Verz. Conch.* 12. 21.

Terebratulaceæ, *Menke, Syn.* ed. 1. 56, 1828.

Les Térébratules, *Féruss. Tab. Syst.* 1821; *Rang, Man. Moll.* 258.

Terebratulinae, *Agass. Nomen.* 1847.

Lingulæ, part., *Eichw. Zool. Spec.* i. 275.

Thecididæ, part. (Megathyris), *D'Orb. Terr. Cret.* iv.

Cyclothyridæ, *Phillips, Pal. Foss. Cornwall.*

1. TEREBRATULA.

Terebratula, *Llwyd, Lith. Brit.* 40, 1699; *Müller, Zool. Dan.* 1776; *Retzius, Dissert.* 1788; *Lamk. Phil. Zool.* 1809; *Hist.* vi. 243, ed. 2. vii. 319; *Lovèn, Ind. Moll. Skand.* 29; *Leach, Zool. Miscell.* i. 76, 1814; *Schum. Ess.* 133; *Féruss. Tab. Syst.* 1821; *Rang, Man.* 1829; *Gray, Lond. Med. Repos.* xv. 1821; *Syn. B. M.* 1840; 1842, 92; *Proc. Zool. Soc.* 1847, 202; *Menke, Syn.* 1828 & 1830; *Forbes & Hanley, Brit. Moll.* ii. 349.

Concha anomia, *Fab. Colonna, Tract. de Purp.* 1616.

Criopus and *Criopoderma*, *Poli, Test. Sicil.*

Gryphus, *Muhlf. Entw.* 64, 1811.

Lampas, sp., *Humph. Mus. Calonn.* 1797 (not *Schum.*).

Lampades, *Meusch. Mus. Gevers.* 1787.

Anomia, sp. (animal), *Linn. Syst. Nat.*

Terebratularius, *Dumer. Zool. Anal.* 168, 1806.

Apleurotis, *Megorima*, *Trigonina*, *Diclisma*, *Obovites*, *Terebratula*, *Rafin. Anal.*

1. TEREBRATULA CAPUT-SERPENTIS.

Anomia Caput-serpentis, *Linn. S. N.* ed. 12. 1153; *Faun. Suec.* ed. 2. 521; *Act. Upsal.* 1773, i. 41. t. 5. f. 3; *Born, Mus. Cæs.* 119; *Chemn. Conch. Cab.* viii. 103. t. 78. f. 712, & xi. 248. t. 204. f. 2013; *Dillw. Rec. Shells*, i. 293; *Ind. Test.* t. 11. f. 22.

Anomia retusa, *Linn. S. N.* ed. 12. 1151; *F. Suec.* ed. 2. 521; *Dillw. R. Shells*, i. 292.

An. pubescens, *Linn. S. N.* ed. 12. 1153; *Schröter, Einl. Conch.* iii. 397. t. 9. f. 10; *Dillw. R. Shells*, i. 293; *Ind. Test.* t. 11. f. 20.

An., nov. sp., *Pennant, Act. Upsal.* 1773, 39. t. 5. f. 4.

Terebratula pubescens, *Müll. Zool. Dan. Prod.* 449. no. 3007.

Terebrat. Caput-serpentis, *Lamk.* (not *Retzius*) *Hist.* 2nd ed. vii. 332; *Sow. Gen. Shells*, *Terebrat.* f. 2; *Philippi, Moll. Sic.* i. 95. t. 6. f. 5, & ii. 66; *Reeve, Conch. Syst.* t. 126. f. 2; *Sow. Thes. Conch.* i. t. 68. f. 1-4, t. 72. f. 116; *Forbes & Hanley, Brit. Moll.* ii. 353. t. 56. f. 1-4.

Terebrat. costata, *Lowe, Zool. Journ.* ii. 105. t. 5. f. 8, 9.

Terebrat. aurita, *Flem. Philos. Journ.* ii. 498. t. 4. f. 5; *Brit. An.* 369; *Thorpe, B. Mar. Conch.* 127; *Brown, Ill. Conch. G. B.* 68.

Delthyris spatula, *Menke, Syn.* 96, 1830.

Terebratulina Caput-serpentis, *D'Orb. Pal. Franç. T. C.* iv. 58; *Davila, Cat. Cab.* i. t. 20. f. F; *Poli, Test. Sic.* ii. t. 30. f. 15 (part of a group); *Enc. Méth. Vers.* t. 246. f. 7.

a (group in situ). Loch Fyne.

b (ditto). West Coast of England.

c—e. Loch Carron, W. Ross-shire. Presented by J. G. Jeffreys, Esq.

f—p. Loch Fyne.

q, r. Ditto. Presented by the Rev. D. Landsborough.

s—x. Oban.

2. TEREBRATULA CRANIUM.

Terebratula Cranium, *Müller, Zool. Dan. Prod.* 249. no. 3006; *Mont. Trans. Linn. Soc.* xi. 188. t. 13. f. 2; *Turt. B. Biv.* 236; *Flem. B. An.* 368; *Moll. An.* t. 14. f. 49; *Thorpe, Brit. Mar. Conch.* 126; *Brown, Ill. Conch. G. B.* 68. t. 22. f. 10-12; *Lovén, Moll. Skand.* 29; *Forbes & Hanley, Brit. Moll.* ii. 357. t. 57. f. 11.

Anomia Cranium, *Gmel. S. N.* 3347; *Turt. Conch. Dict.* 5; *Dillw. Rec. Shells*, i. 294 (part., not *Synon.*).

Terebratula vitrea, *Fleming* (not *Born* nor *Chemn.*), *Ed. Encyc.* vii. 96. t. 206. f. 2; *Philos. Zool.* t. 4. f. 4.

Inhab. — ?

2. LAMPAS.

Lampas, sp., *Humph. Mus. Calonn.* 1797; *Gray, Proc. Zool. Soc.* 1847, 202.

Lampus, *Herrmanns. Ind.* i. 575 (misprint?).

Terebratula, sp., *Lamk. Hist.*

Anomia, sp., *Gmel. S. N.*

Hypothyris, *Phillips, Paleoz. Foss. of Cornw.* 1841; *King, Ann. N. H.* xviii. 238; *Forbes & Hanley, Brit. Moll.* ii. 345.

Atrypa, sp., *Menke, Syn.* 1830; *Sow. Conch. Man.* 1842.

1. LAMPAS PSITTACEA.

Anomia rostrum psittaci, *Chemn. Conch. Cab.* viii. 106. t. 78. f. 713.

An. psittacea, *Gmel. S. Nat.* 3348; *Turt. Conch. Dict.* 5. f. 42-44; *Dillw. Rec. Shells*, i. 296; *Ind. Test.* t. 11. f. 27; *Mawe, Linn. Conch.* t. 15. f. 3.

Terebratula psittacea, *Lamk. Hist.* 2nd ed. vii. 333; *Turt. Brit. Biv.* 236; *Flem. Brit. An.* 368; *Thompson, Ann. N. Hist.* xiii. 433; *Thorpe, B. Mar. Conch.* 127; *Brown, Ill. Conch. G. B.* 68. t. 46. f. 2-4; *Alder, Cat. Moll. North.* 74; *Crouch, Int. Conch.* t. 13. f. 4; *Sowerby, Gen. Shells, Terebrat.* f. 5; *Thes. Conch.* i. 342. t. 71. f. 78-80; *Sow. jun., Conch. Man.* f. 202; *Gould, Invert. Mass.* 142. f. 91; *Reeve, Conch. Syst.* t. 126. f. 5.

Hypothyris psittacea, *King, Ann. Nat. Hist.* xviii. 238; *Forbes & Hanley, Brit. Moll.* ii. 346. t. 57. f. 1-3.

Lampas psittacea, *Gray, Proc. Zool. Soc.* 1847, 202.

Gypidia psittacea, *Menke, Syn.* 96, 1830.

Inhab. — ?

3. MEGATHYRIS.

Megathyris, *D'Orbigny, Terr. Cret.* iv.; *Forbes & Hanley, Brit. Moll.* ii. 359.

Terebratula, sp., *S. Wood.*

? *Orthis*, part., *Philippi.*

1. MEGATHYRIS CISTELLULA.

Terebratula Cistellula, *S. Wood, Ann. N. Hist.* vi. 253 (fossil).

Terebratula seminulum?, *Jeffreys, Ann. N. Hist.* xix. 312.

Megathyris Cistellula, *Forbes & Hanley, Brit. Moll.* ii. 361. t. 57. f. 9.

Inhab. South Devon, Exmouth, in coral zone, *Clark. Torquay, Turton.*

a—c. Sound of Skye, in 25 fathoms. Presented by R. M'Andrew, Esq.

Class III. PTEROPODA.

- Pteropoda, *Cuvier, Ann. du Mus.* iv. 1804; *R. An.* ii. 1817; *Blainv. Dict. Sci. Nat.* xlv. 1826; *Lamk. Phil. Zool.* 1809; *Ext. Cours*, 1812; *Hist.* vi. 283, 2nd ed. vii. 412; *D'Orb. Voy. Am. Mérid.* 65; *Rang, Man. Moll.* 112; *Bronn, Gesch. d. Nat.* iii. 353, 1847; *Gray, Syn. B. M.* 1842, 85, 92; *Proc. Zool. Soc.* 1847, 203; *Catalogue of Pteropoda in Brit. Mus.* 1850; *Forbes & Hanley, Brit. Moll.* ii. 377.
- Acephales, part., *Blainv. Bull. Soc. Phil.* 1814, 179.
- Ptérobranches or Ptérodibranches, *Blainv. Bull. Soc. Philom.* 1814, 177; *Organ. An.* i. t. 8, 1822.
- Pterodibranchiata, *Blainv. Journ. de Phys.* 1816 (*test. Agassiz, Nomen.*); *Dict. Sc. Nat.* xlv. 31.
- Pterodybranchiata, *Blainv. Journ. de Phys.* (*test. Agass. Nom.*).
- Stomatopterophora, *Gray, Lond. Med. Repos.* xv. 1821.
- Aporobranchiata (Aporobranches), *Blainv. Malac.* 480, 1825.
- Mollusca nuda nageant, part., *Latr. Dict. Hist. Nat.* xxiv. 108, 1804.
- Flossenkracken, *Oken, Allg. Naturg.* v. 518.
- Cephalopoda pinnata, *Esch. Zool. Atlas*, iii. 1829; *Menke, Zeitsch. Mal.* 72, 1844.
- Cephalopoda, part., *Swainson*.
- Clio, *Browne, Jamaica*, 386, 1756; *Linn. S. N.* ed. 12. i. 1094, 1767.
- Mollusca brachiata, part., *Poli, Test. Sic.* i. 27.
- Cephalophora Pteropoda Hyalacea, *Anton, Verz. Conch.* 12.
- Therozoa pteropoda, *Eichw. Zool. Spec.* i. 310.

Order I. THECOSOMATA.

- Thecosoma, *Blainv. Dict. Sc. Nat.* xxxii. 1824; *Malacol.* 1825; *Desh. Enc. Méth.* iii. 1036; *Herrmanns. Ind.* ii. 571.
- Thecosomata, "*Blainv.*" *Rang, Man.* 112; *Gray, Syn. B. M.* 1842, 86, 92; *Proc. Zool. Soc.* 1847, 203; *Catalogue of Pteropoda in Brit. Mus.* 1850.
- Cryptocephala, *Latr. Fam. Nat.* 169, 1825.
- Pterobranchia and Dactyliobranchia, *Gray, Lond. Med. Repos.* 1821, 235.
- Hyalinées, *D'Orb. Voy. Am. Mérid.* 77.

Fam. 1. CAVOLINIDÆ.

- Cavolinidæ, *Gray, Cat. Moll. Pteropoda Brit. Mus.* 1850.
 Cleodoridæ, *Gray, Syn. B. M.* 1840; 1842, 86, 92; *Proc. Zool. Soc.* 1847, 203; *M. E. Gray, Fig. Moll. An.* i. 39. t. 77, 78; *Agassiz, Nomenclat.*
 Dactyliobranchia, *Gray, Lond. Med. Repos.* 1821.
 Hyalæacia, *Menke, Syn.* 2nd ed. 6. 1830; *Anton, Verz.* 24, 1839; *Gravenh. Das Thierr. Verwandt.* 33.
 Hyalæaciæ, *Menke, Syn.* ed. 1.
 Hyaleacia, *Herrmanns. Ind.* i. 543.
 Hyaleidæ (Hyaleides), *Cantraine, Mal. Medit.* 1841.
 Hyalidæ, *D'Orb. Moll. Canar.* 1837; *Moll. Cub.* i. 70, 1841.
 Hyaleæ (Les Hyales), *Féruss. Tab. Syst.* 1821; *Rang, Man.; Desh. Enc. Méth.* iii. 310.
 Acephalacis inæquivalvibus bivalvibus, *Lamk. Syst.* 139.
 Acephales, part., *Latr. Dict. Hist. Nat.* xxiv. 119, 1804; *Blainv. Bull. Soc. Phil.* 1814, 179.

1. DIACRIA.

- Diacria (trispinosa), *Gray, Syn. B. M.* 1840; 1842, 92; *Proc. Zool. Soc.* 1847, 203; *Cat. Moll. Pterop. Brit. Mus.* 1850; *Agass. Nomenclat.; Herrmanns. Ind.* i. 383.
 Hyalea β (elongata), *Rang, Man.* 114, 1829.
 Hyalæa **, *D'Orb. Voy. Am. Mér.* 77; *Cuba*, 80.
 Hyalea, sp., *Forbes & Hanley, Brit. Moll.* ii. 379.

1. DIACRIA TRISPINOSA.

- Hyalea trispinosa, *Lesueur, MSS. in Blainv. Dict. Sc. Nat.* xxii. 82; *Thompson, Ann. N. Hist.* v. 13; *Rep. Brit. Assoc.* 1843, 249; *Quoy & Gaim. Voy. Ast.* vii. 378. t. 27. f. 17-19; *Desh. Enc. Méth. Vers.* ii. pt. ii. 310; *Lamk. Hist.* 2nd ed. vii. 417, 421; *Cuv. Règn. An.* ed. Griff. t. 3. f. 7; *D'Orb. Voy. Am. Mér.* 106. t. 7. f. 1-5; *Moll. Canar.* 29. no. 14; *Moll. Cuba*, 81; *Philippi, Moll. Sic.* ii. 71; *Lovèn, K. Vet. Akad.* 1847, t. 3. f. 4; *Forbes & Hanley, Brit. Moll.* ii. 380. t. U. f. 3; *Rang, Monog. ined.* t. 3; *Guérin, Icon. R. An.* t. 4; *Blainv. Dict. Sc. Nat.* xxii. 82.
 Hyalea mucronata, *Quoy & Gaim. Ann. Sc. Nat.* x. 231. t. 8, 13. f. 1, 2!
 H. triacantha, *Guidotti, in Bronn, Ital.* 85 (fossil).
 H. depressa, *Bivona, Efem. Sicil.* t. 1. f. 4, 5; *Philippi, Moll. Sic.* i. 101. t. 6. f. 19 (fossil).

Hyales à trois pointes, *Voy. Bonite, Moll. t. 6. f. 1, 10; Chenu, Traité élém.* 125. f. 403, 404.

Davila, Cat. Cab. i. t. 20. f. e?; *Chemn. Conch. Cab. viii. 65. vignette 13. f. c, d.*

Inhab. —?

Fam. 2. LIMACINIDÆ.

Limacinidæ, *Gray, Syn. B. M. 1840; Proc. Zool. Soc. 1848, 203; Cat. Moll. Pterop. Brit. Mus. 1850.*

Limacinadæ, *Forbes & Hanley, Brit. Moll. ii. 379, 1849.*

Pterobranchia, *a*: *Gray, Lond. Med. Repos. 1821, 235.*

Hyaleacea, part., *Menke, Syn. 4, 1828, ed. 2. 8, 1830.*

Hyaleæ, part., *Rang, Man. 113, 1829.*

Atlantarum, part., *Desh. E. Méth. iii. 343, 1830.*

Hyalidæ, part., *D'Orb. Moll. Cuba, i. 70, 1841.*

Limacinæ (les Limacines), part., *Féruss. Tab. Syst. 25, 1821 (not Swains. nor Blainv.).*

Procephala, part., *Latr. Fam. Nat. 1825.*

Atlantidæ, part.?, *Gray, Proc. Zool. Soc. 1847, 149.*

1. LIMACINA.

Limacina (helicinalis), *Cuv. R. An. iii. 1817; Lamk. Hist. vi. 290, 1819, 2nd ed. vii. 435; Schweigger, Nat. 750, 1820; Gray, Med. Repos. 1821; Cat. Moll. Pterop. Brit. Mus. 1850; Féruss. Tab. Syst. 25, 1821; Menke, Syn. 4, 1828, ed. 2. 8, 1830; D'Orb. Moll. Cuba, i. 70; Rang, Man. 113, 1829; Esch. Isis, 1825, 735; Desh. E. Méth. iii. 343 (not Hartmann, 1821, nor Wiegmann, 1832, nor Gray, Proc. Zool. Soc. 1847, nor Sowerby's Genera).*

Spiralis, *Eydoux & Souleyet, Rev. Zool. 1840, 235; Wiegmann, Arch. 1841, ii. 265; Lovén, I. M. Skand. 4; Gray, Proc. Zool. Soc. 1847, 203; Forbes & Hanley, Brit. Moll. ii. 382.*

Trochus, sp. (*lunaris*), *Gmel. S. Nat.; Chemn. C. Cab. ix.*

Spiratella (limacina), *Blainv. Dict. Sc. Nat. xxxii. 284, 1825; Man. Mal. 494, 1825; Desh. E. Méth. iii. 471; Sow. Conch. Man. 100, ed. 2. 263.*

Fusus, sp. (*retroversus*), *Flem. Mem. Wern. iv. 498; Brit. An. 349.*

Kronjacht, *Oken, Lehrb. Nat. 1815, t. 9.*

Peracle (Flemingii), *Forbes, Rep. Brit. Assoc. 1843, 132, 249; Moll. Æg. Sea, 132, 1844.*

Helicophora, *Gray, Syn. B. M. 1840; 1842, 59, 89.*

Atlanta, sp. (*heliconoides*), *D'Orb. Voy. Am. Mérid. Moll. 174, 184.*

- Scæa, Philippi, Moll. Sic. ii. 164.*
Limacina, sp., Benson, Journ. As. Soc. Calcutta, 1835, 176.
Heterofusus (retroversus), Fleming, Brit. An. 498, 1833; Gray, Proc. Zool. Soc. 1847, 149.
Argonauta, sp., O. Fabr.
Clio, sp., Phipps; Gmel. S. Nat.
Heliconoides, D'Orb.; Gray, Proc. Zool. Soc. 1847, 149.
Campylonaus, Gray, Proc. Zool. Soc. 1848, 149 (not Benson).

1. LIMACINA RETROVERSA.

- Chemn. Conch. Cab. ix. 129. t. 113. f. 6972, 6973?*
Fusus retroversus, Flem. Mem. Wern. iv. 498. t. 15. f. 2; Brit. An. 349; Edin. Enc. t. 12. f. 45; Thorpe, Brit. Mar. Conch. 201.
Spirialis Flemingii, Forbes & Hanley, Brit. Moll. ii. 384. t. 57. f. 4, 5.
Heterofusus reversus, Flem. Mem. Wern. iv. 498.
Scæa retroversa, Philippi, Sic. ii. 164, from Fleming.
? Scæa stenogyra, Philippi, Moll. Sic. ii. 164. t. 25. f. 20.
Peracle Flemingii, Forbes, Rep. Brit. Assoc. 1848, 249; Jeffreys, Ann. N. Hist. xx. 1847, 16.
? Peracle physoides, Forbes, Rep. Brit. Assoc. 1843, 132.
Limacina retroversa, Gray, Cat. Moll. Pterop. Brit. Mus. 33.
a—f. Isle of Skye. Presented by R. M'Andrew, Esq.
g—k. Arran.

2. LIMACINA MACANDREI.

- ?? Turbo lunaris, Gmel. S. N. 3587, from Chemn. Conch. Cab. ix. 128. t. 113. f. 971 (broken).*
? Scæa lunaris, Philippi, Moll. Sic. ii. 164, from Chemn.
Spirialis MacAndrei, Forbes & Hanley, Brit. Moll. ii. 385. t. 57. f. 6, 7.
Limacina MacAndrei, Gray, Cat. Moll. Pterop. Brit. Mus. 33.
Inhab. South of Ireland; M'Andrew.

3. LIMACINA JEFFREYSII.

- Spirialis Jeffreysii, Forbes & Hanley, Brit. Moll. ii. 386. t. 57. f. 8.*
Limacina Jeffreysii, Gray, Cat. Moll. Pterop. Brit. Mus. 32.
Inhab. British Channel; Jeffreys.

REPUTED BRITISH SPECIES.

THIS List contains not only the reputed *British species*, but all those which have been erroneously considered as indigenous by various writers on British Shells, either by assuming species to be natives which are not so, or from false references.

The habitats of the species are given, followed by an indication of the authority for their introduction into the Fauna.

1. DIONE CIRCINATA.

Venus circinata, Born, *Mus. Cæs.* 61. t. 4. f. 8; *Chemn. Conch. Cab.* vi. 312. t. 30. f. 311; *Dillw. Rec. Shells*, i. 169.

Venus Guineensis, Gmel. *Syst. Nat.* 3270; *Turton, Conch. Dict.* 237; *Born, Mus.* t. 4. f. 3; *Chemn. f.* 311, 312; *Mont. Test. Brit. Supp.* 48 & 168; *Dorset Cat.* 35.

Chione circinata, Gray, *Analyst*, 1838, 305.

Cytherea Guineensis, Lamk. *Hist.* 2nd ed. vi. 311; *Turt. Brit. Biv.* 161; *Flem. Brit. An.* 445; *Thorpe, Brit. Mar. Conch.* 84; *Hanley, Recent Shells*, 100.

Cytherea circinata, Forbes & Hanley, *Brit. Moll.* i. 399.

Enc. Méth. Vers. t. 265. f. 1.

Inhabits the South Atlantic Ocean. Introduced by Montagu, as taken in the Firth of Forth by Mr. Laskey.

a. "Weymouth." From the Collection of Colonel Montagu.

2. CHIONE PALLIDA.

Venus pallida, Turton, *Brit. Biv.* 150. t. 10. f. 5; *Flem. Brit. An.* 448; *Thorpe, Brit. Mar. Conch.* 90; *Forbes & Hanley, Brit. Moll.* i. 422.

Inhab. —? One worn specimen is said, by Turton, to have been taken at Dawlish.

3. CHIONE GRANULATA.

Venus granulata, Gmelin, *S. N.* 3277; *Donov. B. S.* iii. t. 83; *Mont. T. B.* 122; *Linn. Trans.* viii. 85; *Turt. Conch. Dict.* 240, & *Brit. Biv.* 145; *Brit. Faun.* 158. no. 270; *Dillw. Rec. Shells*, 171; *Flem. Brit. An.* 447; *Thorpe, Brit. Mar. Conch.* 88; *Ind. Test.* t. 7. f. 29; *Lamk. Hist.* 2nd ed. vi. 344; *Hanley, Rec. Shells*, i. 114. t. 7. f. 29; *Forbes & Hanley, Brit. Moll.* i. 425.

Venus Marica, Born, *Mus. Cæs.* 59. t. 4. f. 5, 6 (not Linn.).

Venus Marica, spuria, *Chemn. Conch. Cab.* vi. 314. t. 30. f. 313.

Inhab. West Indies. Said to have been taken in Cornwall, Donovan. Falmouth (dead); Montagu.

4. CHIONE DYSERA.

Venus Dysera, *Linn. S. N.* 1130; *Chemn. Conch. Cab.* vi. 294. t. 28. f. 287-289; *Turt. Conch. Dict.* 237; *Brit. Biv.* 147. t. 9. f. 4; *Mont. T. B. Supp.* 43; *Flem. Brit. An.* 447; *Reeve, Conch. Syst.* t. 68. f. 2.

V. cingenda, *Dillw. R. S.* i. 161; *Ind. Test.* t. 7. f. 6.

V. cancellata, *Gronov. Zooph. fasc.* 3. t. 1. f. 8. no. 1149. p. 270; *Lamk. Hist.* 2nd ed. vi. 341; *E. M. Vers.* t. 268. f. 1; *Hanley, Rec. Shells*, 112. t. 7. f. 6; *Forbes & Hanley, Brit. Moll.* i. 425 (not *Don.*).

Venus elevata, *Say, Journ. Ac. Sc. Phil.* ii. 272.

List. Conch. t. 277, 278.

Inhab. W. Indies. Said to have been found in the Firth of Forth by Mr. Laskey; *Montagu.* Guernsey; *Turton.* Birkenhead (from ballast); *Forbes & Hanley.*

5. CHIONE PAPHIA.

Venus Paphia, *Linn. S. N.* 1129; *Dillw. Rec. Shells*, i. 159; *Chemn.* vi. 267. t. 27. f. 274-276; *Ind. Test.* t. 7. f. 2; *Desh. in Lamk. Hist.* ed. 2. vi. 371; *Hanley, Rec. Shells*, i. 112; *Forbes & Hanley, Brit. Moll.* i. 425.

Pectunculus Vetula, *Da Costa, B. Conch.* 190. t. 13. f. 5.

Lister, Hist. Conch. t. 279; *Knorr, Verg.* ii. t. 28. f. 2; *Regenfuss, Choix Coq.* t. 7. f. 11.

Inhab. West Indies. Introduced as British, by *Da Costa*, in a mistake.

6. CHIONE SUBCORDATA.

Venus subcordata, *Mont. T. B.* 121. t. 3. f. 1; *Linn. Trans.* viii. 82; *Turton, Conch. Dict.* 237; *Brit. Biv.* 145; *Brit. Faun.* 158. no. 269; *Flem. Brit. An.* 447; *Thorpe, Brit. Mar. Conch.* 87; *Ind. Test.* t. 7. f. 16; *Dillw. Rec. Shells*, i. 166; *Forbes & Hanley, Brit. Moll.* i. 423.

Crassina subcordata, *Gray, Ann. Phil.* 1825.

Venus radiata, *Chemn.*, immature state?; *Forbes & Hanley, l. c.* 423.

Inhab. W. Indies. One specimen, taken at Falmouth, in sand; *Montagu.*

a. "Britain." *Mus. Mont.*

7. ? VENUS SUBRHOMBOIDEA.

Venus subrhomboidea, *Mont. T. B. Supp.* 49. t. 28. f. 2; *Turt. Conch. Dict.* 246; *Laskey, Wern. Mem.* i.; *Flem. Brit. An.* 448; *Forbes & Hanley, Brit. Moll.* i. 426.

Crassina subrhomboidea, *Turt. Brit. Biv.* 129.

Inhab. —? A single specimen is recorded to have been dredged off St. Abb's Head by Mr. Laskey; *Montagu*.

8. CAPSA DEFLORATA.

Venus deflorata, *Linn. S. N.* ed. 12. 1133. no. 132; *Gmel.* 3274. no. 24; *Penn. Brit. Zool.* ed. 4. iv. 82. t. 57. f. 54; *Turt. Brit. Faun.* 158. no. 271; *Schroeter, Einl.* iii. 131. no. 21; *Chemn. Conch.* vi. t. 9. f. 79; *Brooks, Introd. Conch.* 66. t. 3. f. 28; *Dillw. R. S.* i. 186. no. 65.

Venus versicolor, *Gmel.* 3281. no. 63.

Venus purpurata, *Gmel.* 3289. no. 100.

Sanguinolaria rugosa, *Lamk. Hist.* v. ed. 2. vi. 170; *Desh. Enc. Méth.* iii. 925. no. 1.

Psammobia rugosa, *Sow. Gen. Psammob.* f. 1.

Lister, Conch. t. 425. f. 272, 273; *Knorr, Vergn.* ii. t. 20. f. 5, v. t. 2. f. 2; *Enc. Méth.* t. 231. f. 3, 4.

Inhab. Indian Ocean. Introduced as British upon the authority of *Pennant*.

9. SPHÆRIUM LACUSTRE.

Cyclas lacustris, *Drap. Moll. Ter. et Fluv. France*, 130. t. 10. f. 6, 7; *Turt. Man. Land & Freshwater Shells*, 14. t. 1. f. 4; 2nd edit. *Gray*, 17. t. 1. f. 4; *Lamk. A. s. V.* 2nd ed. vi. 268; *Pfeiff. Deutsch. Land und Sussw. Moll.* i. 122. t. 5. f. 6, 7; *Kickx, Moll. Brab.* 88; *Gras, Moll. terr. et fluv. France, App.* 23 (from *Drap.*); *Forbes & Hanley, Brit. Moll.* ii. 118.

Inhab. France. "Exmouth;" *Jeffreys*.

10. CARDIUM SERRATUM.

Cardium serratum, *Linn. S. N.* ed. 12. 1123; *Flem. Brit. An.* 423; *Dillw. R. S.* 124; *Chemn. Conch. Cab.* vi. 193. t. 18. f. 189; *Mawe, Conchol.* t. 7. f. 2; *Hanley, Rec. Shells*, i. 133; *Reeve, Conch. Icon. Card.* t. 1. f. 1; *Forbes & Hanley, Brit. Moll.* ii. 39.

Cardium lævigatum, *Spengler, Mag. Berl. Ges. Nat.* ii. 125; *Lamk. H. n.* 26, ed. 2. vi. 403; *Thorpe, Brit. Mar. Conch.* 99.

Card. citrinum, *Wood, G. Conch.* t. 54. f. 3; *Turton, Bivalves*, 492. t. 13. f. 5.

Inhab. West Indies. Introduced by *Dr. Fleming* by mistake for *C. lævigatum* of *Turton*.

11. CARDIUM MEDIUM.

Cardium medium, *Linn. S. N.* 1122; *Chemn. Conch.* vi. 169. t. 16. f. 162, 163; *Don. B. S.* i. t. 32. f. 1; *Mont. T. B.* 83; *Linn. Trans.* viii. 61; *Wood, Gen. Conch.* 211. t. 50. f. 3; *Turt. Conch.*

Dict. 32; *Lamk. Hist.* v. n. 40, ed. 2. vi. 409 = *E. M.* t. 296. f. 1; *Flem. Brit. An.* 422; *Chemn. Conch. Cab.* vi. 169. t. 16. f. 162, 163; *Dillw. Rec. Shells*, i. 113; *Mawe, Conchol.* t. 7. f. 1; *Hanley, Rec. Shells*, i. 141; *Reeve, Conch. Icon. Card.* t. 6. f. 30; *Forbes & Hanley, Brit. Moll.* ii. 39.

List. Conch. t. 316. f. 153.

Inhab. West Indies. Introduced by *Donovan*, probably in mistake for *C. exiguum*.

12. CARDIUM MURICATUM.

Cardium muricatum, *Linn. S. N.* ed. 12. 1123; *Fleming, Brit. An.* 421; *Chemn. Conch. Cab.* vi. 185. t. 17. f. 177; *Brug. Enc. Méth. Vers.* i. 233; *Wood, Gen. Conch.* 216. t. 51. f. 2, 3; *Dillw. Rec. Shells*, i. 120; *Lamk. Hist.* ed. 2. vi. 399; *Ind. Test.* t. 5. f. 14; *Hanley, Rec. Shells*, i. 132. t. 5. f. 114; *Reeve, Conch. Icon. Card.* t. 6. f. 33?; *Forbes & Hanley, Brit. Moll.* ii. 40.

Inhab. West Indies. Introduced by *Dr. Fleming*, from a specimen probably brought in ballast to Leith.

13. CARDIUM GRÆNLANDICUM.

Cardium Grænladicum, *Chemn. Conch.* vi. 202. t. 19. f. 198; *Spengler, Skrivt. Naturh. Selsk.* v. pt. 1. 46; *Mag. Berl. Ges. Naturf.* ii. 126; *Wood, Gen. Conch.* 227; *Lamk. Hist.* 2nd ed. vi. 407; *Gould, Invert. Mass.* 92; *Dekay, New York Moll.* 206. t. 23. f. 250; *Dillw. Rec. Shells*, i. 129; *Ind. Test.* t. 5. f. 28; *Hanley, Rec. Shells*, i. 134; *Reeve, Conch. Icon. Card.* t. 10. f. 53; *Forbes & Hanley, Brit. Moll.* ii. 39; *Mindendorff, Mal. Rossica*, iii. 41. t. 16. f. 69; *Beck, Gaim. Voy. Island*, t. 15.

Cardium boreale, *Reeve, Conch. Icon.* t. 22. f. 131, young.

Venus Islandica, *O. Fab. F. Græn.* 411 (fide Möll.).

Mactra radiata, *Don. B. S.* v. t. 161; *Turt. Conch. Dict.* 80; *M. & R. Linn. Trans.* viii. 69; *Dillw. Rec. Shells*, i. 138.

Cardium anodonta, *Blainv. Man. Mal.* 658.

Cardium edentulum, *Solander, MSS.*; *Mont. T. B. Supp.* 29; *Flem. Brit. An.* 423; *Sow. Gen. Shells, Card.* f. 2.

Aphrodita Columba, *Lea, Amer. Phil. Trans.* v. 110. t. 18. f. 54.

Inhab. North Sea. Taken, after a storm, by *Mr. Laskey*, near Portsmouth; *Donovan*.

a. "Britain."

14. SPISULA FRAGILIS.

Mactra fragilis, *Chemn. Conch. Cab.* vi. 236. t. 24. f. 235; *Turt. Brit. Biv.* t. 4. f. 10; *Flem. B. An.* 428; *Thorpe, Brit. Mar. Conch.* 48; *Dillw. R. S.* i. 144; *Conrad, Amer. Mar. Conch.* t. 14. f. 3; *Forbes & Hanley, Brit. Moll.* i. 368.

Mactra dealbata, *Pultn. Hutchins' Hist. Dors.* 31; *Mont. Test. Brit.* 95. t. 5. f. 1; *Linn. Trans.* viii. 68. t. 1. f. 10; *Dorset Cat.* 32. t. 7. f. 7; *Turt. Conch. Dict.* 80; *Brit. Faun.* 154. no. 242; *Flem. B. An.* 428; *Brown, Ill. C. G. B.* 107. t. 41. f. 8, 9.

Mactra Braziliانا, *Lamk. A. s. V.* ed. 2. vi. 106; *Hanley, Rec. Shells*, 31; *Supp.* t. 10. f. 60.

Spisula fragilis, *Gray, Loud. Mag. N. H.* i. 374, 1837.

Inhab. America. Introduced by *Dr. Pulteney* as a native of Dorset.

a. "Firth of Forth." *Mus. Laskey.*

15. PAPHIA CORNEA.

Mactra cornea, *Poli, Test. Sic.* ii. t. 19. f. 8-11.

Donax plebeia, *Pulteney, Hutchins' Dorset*, 32; *Mont. T. B.* 107. t. 5. f. 2; *Dorset Cat.* 34. t. 5. f. 13; *Turt. Conch. Dict.* 42; *Brit. Biv.* 126; *Brit. Faun.* 156. no. 253; *Flem. Brit. An.* 434; *Dillw. Rec. Shells*, i. 152; *Ind. Test.* t. 6, *Donax*, f. 9.

Erycina plebeia, *Sow. Gen. Shells, Erycina*, f. 3; *Conch. Man.* f. 86.

Mesodesma Donacilla, *Desh. Lamk. Hist.* 2nd edit. vi. 133; *Thorpe, Brit. Mar. Conch.* 53; *Reeve, Conch. Syst.* t. 45. f. 5; *Hanley, Rec. Shells*, 39; *Supp.* t. 11. f. 41; *Philippi, Moll. Sic.* ii. 29; *Desh. Exp. Sc. Alger. Moll.* t. 39-42, shell & animal.

Amphidesma Donacilla, *Lamk. Hist.* ed. 2. vi. 126.

Donacilla Lamarckii, *Philippi, Moll. Sic.* i. 37.

Tellina variegata γ, *Gmel.* 3237 = *Lister*, t. 389. f. 288.

Peronæa ramosa = *Peronæoderma cornea*, *Poli*, ii. 252, 258.

Mesodesma cornea, *Forbes & Hanley, Brit. Moll.* i. 348.

Inhab. Mediterranean. Introduced by *Dr. Pulteney* as taken at Weymouth.

a-e, odd valves. "Britain." *Mus. Mont.* from *Mus. Pulteney*.

16. PAPHIA DEAURATA.

Mactra deaurata, *Turt. Brit. Biv.* 71. t. 5. f. 8; *Flem. B. An.* 427.

Mesodesma deauratum, *Thorpe, Brit. Mar. Conch.* 53; *Hanley, Rec. Shells*, 39; *Supp.* t. 1, *Mactra*, f. 9; *Forbes & Hanley, Brit. Moll.* i. 346.

Mactra denticulata, *Gray, in Wood's Ind. Test. Supp.* t. 1, *Mactra*, f. 9.

Erycina denticulata, *Gray, Ann. Philos.* 1825; *Griff. A. K.* t. 22. f. 2.

Mesodesma Jauresii, *De Joannis, Mag. Zool.* 1834, *Moll.* t. 54; *Gould, Invert. Mass.* 58. f. 38; *Dekay, New York Moll.* 231.

Inhab. N. America, mouth of the St. Lawrence. Introduced by *Turton* as dredged off Exmouth.

17. *ERVILIA NITENS*.

Mya nitens, *Mont. T. B. Supp.* 165; *Laskey, Wern. Trans.* i. 375. t. 8. f. 4; *Turt. Conch. Dict.* 103; *Wood, Gen. Conch.* 101; *Dillw. Rec. Shells*, i. 47.

Ervilia nitens, *Turt. Brit. Biv.* 56. t. 19. f. 4; *Flem. B. An.* 431; *Thorpe, Brit. Mar. Conch.* 5; *Recluz, Mag. Soc. Cuv.* 1845, *Moll.* t. 96, & in *Chenu, Ill. Conch. Ervilia*, 3; *Sow. Conch. Man.* f. 497; *Hanley, Rec. Shells*, 43; *Philippi, Wiegmann. Arch. f. Naturg.* 1847, t. 3. f. 9; *Forbes & Hanley, Brit. Moll.* i. 344.

Amphidesma? nitens, *Gray, Ann. Phil.* 1825.

Amph. purpurascens, *Lamk. Hist.* 2nd ed. vi. 129; *Hanley, Recent Shells*, i. 43.

Syndosmya purpurascens, *Recluz, Rev. Zool.* 1843, 365.

Inhab. West Indies. Introduced by *Montagu*, on the authority of Mr. Laskey, as taken near Dunbar.

18. *ERVILIA CASTANEA*.

Donax castanea, *Mont. T. B.* 573. t. 17. f. 2; *Linn. Trans.* viii. 77; *Turt. Conch. Dict.* 42; *Dillw. Rec. Shells*, i. 152; *Ind. Test.* t. 6, *Donax*, f. 10.

Capsa castanea, *Turt. Brit. Biv.* 128. t. 10. f. 13; *Flem. Brit. An.* 434; *Brown, Ill. Conch. G. B.* 96. t. 39. f. 12.

Mesodesma castanea, *Thorpe, Brit. Mar. Conch.* 54.

Ervilia castanea, *Recluz, Mag. de Zool.* 1845, t. 95, & in *Chenu, Ill. Conch. Ervilia*, p. 3; *Forbes & Hanley, Brit. Moll.* i. 341. t. 31. f. 5, 6.

Iphigenia? castanea, *Gray, P. Z. S.* 1847, 187.

Inhab. Red Sea. Single dead valves taken in deep water between Scilly and Cornwall; *Hanley*. Near Penzance; *MacAndrew*.

19. *PSAMMOBIA LASKEYI*.

Tellina Laskeyi, *Mont. T. B. Supp.* 28. t. 28. f. 3; *Turt. Conch. Dict.* 173; *Wood, Gen. Conch.* 179.

Psammobia Laskeyi, *Turt. Brit. Biv.* 89; *Flem. Brit. An.* 438; *Thorpe, Brit. Mar. Conch.* 63; *Brown, Ill. C. G. B.* 103. t. 39. f. 32; *Forbes & Hanley, Brit. Moll.* i. 281.

Inhab. W. Indies; *Humphreys*. Introduced by *Montagu*, as having been dredged by Mr. Laskey in the Firth of Forth.
a—e. "Britain." *Mus. Mont.*

20. *TELLINA BIMACULATA*.

Tellina bimaculata, *Linn. S. N.* 1120; *Da Costa, B. Conch.* 213; *Pulten. Hutch. Hist. Dorset*, 70; *Donov. B. S.* i. t. 19. f. 1; *Mont. T. B.* 69; *Linn. Trans.* viii. 57; *Dorset Cat.* 31. t. 5. f. 7; *Turt. Conch. Dict.* 178; *Brit. Faun.* 151. no. 212; *Brit.*

Biv. 104. t. 8. f. 5; *Flem. B. An.* 435; *Thorpe, B. Mar. Conch.* 68; *Chemn. Conch. Cab.* vi. 132. t. 13. f. 127, 132; *Dillw. R. S.* i. 101; *Lamk. A. s. V.* 2nd ed. vi. 207; *Ind. Test.* t. 4. f. 83; *Hanley, Sow. Thes. Conch.* i. 250. t. 56. f. 16, 19–22; *Forbes & Hanley, Brit. Moll.* i. 309.

Tellina sex-radiata, *Lamk. A. s. V.* 2nd ed. vi. 207; *Ind. Test. Supp.* t. 11. f. 37.

Inhab. W. Indies. Taken on the coasts of Clare and Cork, Ireland, *Ball*; Dublin, *Warren*; Cork and Waterford, *Thompson*.
a, b. "Torbay, Devonshire." Presented by — Spencer, Esq.

21. TELLINA SIMILIS.

Tellina similis, *Sow. Brit. Miscell.* t. 75; *Mont. T. B. Supp.* 167; *Turt. Brit. Biv.* 102; *Philippi, Abbild. und Bes.* pt. 9. t. 5. f. 7; *Hanley, in Sow. Thes. Conch.* 285, *Tellina*, t. 57. f. 65.

Inhab. W. Indies. Introduced by *J. Sowerby*, as taken by Mr. Stokes at Brighton.

a—e. "Britain." From Mr. Sowerby's Collection.

22. RUPELLARIA SUBSTRIATA.

Venus substriata, *Mont. T. B. Supp.* 48. t. 29. f. 6; *Turt. Conch. Dict.* 245; *Brit. Biv.* 152; *Flem. Brit. An.* 448; *Thorpe, Brit. Mar. Conch.* 91.

Venerupis decussata, *Philippi, Moll. Sicil.* i. 22. t. 3. f. 5, ii. 20; *Desh. Exped. Algérie, Moll.* t. 66. f. 10–13, shell and animal; *Forbes & Hanley, Brit. Moll.* i. 159.

Inhab. Mediterranean Sea. Dredged off Isle of May, in Firth of Forth, by Mr. Laskey; *Montagu*. "Probably brought in ballast;" *Forbes & Hanley*.

23. PHOLAS STRIATA.

Pholas striata, *Linn. Syst. Nat.* 1111; *Mont. T. B.* 26 & 559; *Sow. Gen.* f. 2; *Forbes & Hanley, Brit. Moll.* i. 120; *Linn. Trans.* viii. 31; *Dorset Cat.* 27. t. 1. f. 7; *Turton, Dict.* 147; *Brit. Faun.* 146; *Brit. Bivalves*, 11; *Thorpe, Brit. Mar. Conch.* 31; *Wood, Gen. Conch.* 83. t. 16. f. 1–4; *Ind. Test.* t. 2. f. 7; *Brown, Ill. C.* 115. t. 49. f. 5, 8; *Mawe, Conch.* t. 3. f. 1; *Sow. Gen.* f. 1, 2; *Reeve, Conch. Syst.* t. 24. f. 2; *Rees' Cyclop. Shells*, t. 8.

Phol. nana, *Pulteney, Dorset*, 27, 1799; *Forbes & Hanley, Brit. Moll.* i. 119.

Ph. conoides, *Parsons, Phil. Trans.* lv. 1. t. 1; *Flem. Brit. An.* 457.

Pholas pusilla, *Linn. Syst. Nat.* 1111; *Don. B. Shells*, iv. t. 117; *Chemn.* viii. t. 102. f. 867–871; *Dillw. R. S.* i. 38; *Spengler, Skrivt. Naturf. Selsk.* ii. 95.

Pholas lignorum, *Spengler, Beschäft. Berl. Ges. Nat.* iv. t. 5 f. 1-5.

Pholas clavata, *Lamk. Hist.* ed. 2. 46 (not var. *c.*); *Encyc. Méth.* t. 170. f. 1, 2, 3; *Hanley, Rec. Shells*, 7.

a-c. "Devonshire." Presented by Mrs. Robinson.

d (in situ). Ditto. Ditto.

e, f. "Teignmouth." Presented by J. B. Harvey, Esq.

24. ? PHOLADIDEA SULCATA.

Pholas sulcata, *Brown, Ill. Conch. G. B.* 115. t. 48. f. 17, 18; *Forbes & Hanley, Brit. Moll.* i. 128.

Inhab. —? A single valve, found at Dunbar; *Brown*.

25. TEREDO BIPENNATA.

Teredo bipennata, *Turt. Conch. Dict.* 184. f. 38-40; *Brit. Biv.* 15; *Flem. B. A.* 454; *Thorpe, Brit. Mar. Conch.* 28; *Brown, Ill. C. G. B.* 116; *Gray, Phil. Mag.* 1827, 411; *Hanley, Rec. Shells*, 4; *Supp.* t. 9. f. 51; *Forbes & Hanley, Brit. Moll.* i. 80. t. 4. f. 9-11.

T. navalis?, *Spengler, Skrivt. Nat. Selsk.* ii. pt. 1. t. 2. f. 1-3 A.

Inhab. Sumatra. In drift wood at Scarborough, *Bean*; Ireland, *W. Thompson*; *Ball.* British Channel, *Bulwer*.

a. "Britain." Presented by Mrs. Robinson.

26. MACHA DIVISA.

Solen divisus, *Speng. Skrivt. Nat. Selsk.* iii. 96, 1794; *O. Fab. Skrivt. Nat. Selsk.* iv. t. 10. f. 11, 12.

Solen bidens, *Chemn. Conch.* xi. 203. t. 198. f. 1939, 1795; *Hanley, R. S.* 16.

Solen fragilis, *Pulteney, Hutchins' Dorset*, 28, 1799; *Mont. T. B.* 51, 565; *Supp.* 26; *Dorset Cat.* 29. t. 4. f. 5; *Turton, Dict.* 163; *Flem. B. A.* 460; *Wood, Conch.* 126. t. 29. f. 4, 5; *Ind. Test.* t. 3, *Solen*, f. 11; *Dillw. Rec. Shells*, i. 65; *Thorpe, B. Mar. Conch.* 37; *Gould, Invert. Mass.* 31; *Conrad, Amer. Mar. Conch.* t. 4.

Psammobia tæniata, *Turt. Biv.* 85.

Solen centralis, *Say, Journ. Acad. Sci. Phil.* ii. 316.

Solenocurtus bidens, *Forbes & Hanley, Brit. Moll.* i. 265.

Inhab. West Indies. Introduced by *Dr. Pulteney* as found in Dorsetshire.

27. MACHA GIBBA.

Lister, Conch. t. 421. f. 265.

Solen gibbus, *Spengler, Skrivt. Nat. Selsk.* iii. 104, 1794.

Solen declivis, *Turton, Conch. Dict.* 164. t. 22. f. 80 (1819); *Flem. B. A.* 460; *Thorpe, Mar. Conch.* 37.

Solen Guineensis, *Chemn. Conch.* xi. 202. t. 198. f. 1927, 1795 ;
Wood, Conch. 129.

Solen Caribæus, *Lamk. Hist.* v. 1818, ed. 2. vi. 58 = *Ency. Méth.*
t. 226. f. 1 ; *Hanley, Rec. Shells*, 14.

Psammobia declivis, *Turt. Biv.* 91.

Solecurtus Caribæus, *Gould, Invert. Mass.* 30 ; *Dekay, N. York Moll.* 243. t. 32. f. 302.

Solen Bouchardii, *Potiez, Gall. Moll.* ii. 261. t. 68. f. 4, 5.

Solenocurtus gibbus, *Forbes & Hanley, Brit. Moll.* i. 267.

Inhab. Atlantic Ocean. N. America ; *Gould, W. Indies.* Introduced as from the Scilly Isles by *Dr. Turton*.

28. GLYCIMERIS ALDROVANDI.

Lister, Conch. t. 414.

Mya glycimeris, *Linn. S. N.* i. 11 ; *Born, Mus.* 20. t. 1. f. 8 ;
Chemn. Conch. vi. 33. t. 3. f. 25 ; *Don. B. S.* iv. t. 143 ; *Mont. T. B. Supp.* 19 ; *Linn. Trans.* viii. 34 ; *Turton, Dict.* 107 ;
Wood, Conch. 14. t. 25. f. 1 ; *Dillw. R. S.* i. 42.

Panopæa glycimeris, *Turton, Bivalves*, 42 ; *Desh. Elem. Conch.*
t. 7. f. 1 ; *Brown, Ill. C.* t. 10*. f. 1.

P. Aldrovandi, *Lamk. Hist.* ed. 2. vi. 67 ; *Blainv. Man.* t. 80. f. 2 ;
Flem. B. A. 462 ; *Crouch, Introd.* t. 3. f. 1 ; *Philippi, Moll. Sicil.* i. 7. t. 2. f. 2. ii. 6 ; *Hanley, Rec. Shells*, 18 ; *Valenc. Arch. Mus.* i. 9. t. 4. f. 1 ; *Chenu, Ill. Conch.* i. t. 1 ; *Elem.*
46. f. 144 ; *Forbes & Hanley, Brit. Moll.* i. 178.

Inhab. Mediterranean. Introduced as British, by *Donovan*, for the *Panopæa Norvegica*.

29. YOLDIA GLACIALIS.

Nucula truncata, *Brown, Ill. C. G. B.* t. 25. f. 19.

Nuc. glacialis, *Gray, in Parry's Voyage, & Wood, Cat. Supp.*
t. area, f. 6.

Leda truncata, *Forbes & Hanley, Brit. Moll.* ii. 233.

Inhab. the Arctic Sea. Introduced by *Capt. Brown*.

30. MYA UDDEVALLENSIS.

Mya Uddevallensis, *Forbes, Mem. Geol. Survey*, i. 407 ; *Hancock, Ann. N. H.* xviii. 337.

M. truncata, var., *Forbes & Hanley, Brit. Moll.* i. 168 ; *King, Ann. Nat. Hist.* xviii. 236.

Inhab. Greenland. Procured by *Mr. King* from a fishing-boat on coast of Northumberland.

31. MAGDALA PLICATA.

Mytilus plicatus, *Gmel. S. N.* 3358 ? ; *Mont. T. B. Supp.* 70 (not *Chemn.*) ; *Laskey, Wern. Mem.* i. t. 8. f. 2 ; *Turton, Conch. Dict.* 114.

- Saxicava plicata*, *Turton, Bivalves*, 22.
Psammobia? *plicata*, *Jeffreys, Ann. & Mag. N. H.* xix. 314.
Anatina plicata, *Gray, Ann. Phil.* 1825.
Lyonsia plicata, *Forbes & Hanley, Brit. Moll.* i. 218.
 Inhab. West Indies; *Guilding*. Skye (taken alive!); *Laskey*.
 Ryde; *Hanley*!

32. ASTARTE CASTANEA.

- Astarte castanea*, *Say, Amer. Conch.* t. 1; *Conrad, Am. Mar. Conch.* t. 17. f. 3; *Gould, Inv. Mass.* 76. f. 45; *Hanley, Rec. Shells, Supp.* t. 9. f. 27; *Philippi, Abbild.* ii. 57, *Astarte*, t. 1. f. 2; *Dekay, New York Moll.* 220. t. 28. f. 280; *Forbes & Hanley, Brit. Moll.* i. 470.
Crassina castanea, *Desh. in Lamk. Hist.* 2nd ed. vi. 258; *Hanley, Rec. Shells*, i. 88.
Venus castanea, *Say, Journ. Acad. N. S. Phil.* iv. 273.
Venus sulcata, *Mont. Test. Brit.* 131 (not *Pectunc. sulcatus* of *Da Costa*); *Mat. & Rack. Linn. Trans.* viii. 81. t. 2. f. 2; *Dillw. Rec. Shells*, i. 166.
Astarte sulcata, *Flem. Brit. An.* 439.
Crassina sulcata, *Brown, Ill. Con. G. B.* 96. t. 38. f. 10.
 Inhab. N. America; United States. Common in British Cabinets.

33. LUCINA ORBICULARIS.

- Venus orbicularis*, *Mont. T. B. Supp.* 42. t. 29. f. 7; *Turt. Conch. Dict.* 241.
Cytherea orbicularis, *Flem. B. A.* 446.
Cyprina orbicularis, *Turt. Biv.* 138; *Hanley, Thorpe, M. C.* xxvii. 83.
Lucina orbicularis, *Forbes & Hanley, Brit. Moll.* ii. 62.
 Inhab. W. Indies. Introduced by *Montagu* as taken at Dunbar by *Mr. Laskey*!

34. CODAKIA TIGRINA.

- Venus tigrina*, *Linn. S. N.* ed. 12. 1134; *Chemn. Conch. Cab.* vii. t. 37. f. 390, 391; *Pulteney, Hutchins' Dorset*, 34; *Mont. T. B.* 119. t. 4. f. 1; *Mat. & Rack. Linn. Trans.* viii. 86. t. 2. f. 5; *Dorset Cat.* 35. t. 1. f. 14; *Turt. Conch. Dict.* 240.
Cytherea tigrina, *Turt. Biv.* 164. t. 10. f. 12; *Flem. Brit. An.* 445.
Lucina tigrina, *Lamk. Hist.* 2nd ed. vi. 319 (not vars.); *Thorpe, Brit. Mar. Conch.* 76; *Desh. Elem. Conch.* t. 16. f. 4, 5; *Hanley, Rec. Shells*, 78; *Forbes & Hanley, Brit. Moll.* ii. 64.
 Inhab. W. Indies. Introduced by *Dr. Pulteney* as taken at Weymouth, Studland and Poole.

35. UNIO BATAVUS.

- Mya Batava*, *Wood, Conch.* 403. t. 19. f. 1, 2.
Mysca Batava, *Turton, Man.* ed. 1. 20. f. 10 (cop. of *Wood*).

Mya pictorum, *Montagu*, *T. B.* 36; *Donov. B. S.* t. 176.
Unio batavus, *Gray*, in *Turton Man.* 2nd ed.
 Inhab. Continent of Europe. Introduced by *Dr. Turton* as
 British, in mistake.

36. UNIO OVALIS.

Mya ovalis, *Mont.* *T. B.* 563; *Donov. B. S.* t. 89.
Mya ovata, *Wood*, *Conch.* 105. t. 19. f. 5.
Mysca ovata, *Turt. Biv.* 246; *Man.* ed. 1. 21. f. 12.
Unio Batava, *Lamk. Hist.* v. 78, 2nd ed. vi. 542; *Pfeiffer*, i. t. 5.
 f. 14.
 Young shell elliptical ovate, *Pfeiffer*, ii. t. 2. f. 23.
Unio ovalis, *Gray*, in *Turton's Man.* 2nd ed.
 Inhab. Continent of Europe. Introduced by *Montagu*.

37. ARCA NOÆ?

Arca Noæ, *Turton*, *Conch. Dict.* 9; *Brit. Biv.* 166; *Flem. Brit.*
An. 397; *Thorpe*, *Mar. Conch.* 101; *Poli*, *Test. Sic.* ii. 128.
 t. 24; *Desh. Exp. Alger. Moll.* t. 120; *Mat. & Rack. Linn.*
Trans. viii. 91; *Forbes & Hanley*, *Brit. Moll.* ii. 234 (note).
 Inhab. Mediterranean. Introduced by *Dr. Turton*.

38. MYTILUS BIDENS.

Mytilus bidens, *Linn.* (not *Born* nor *Dillw.*) *S. N.* ed. 12. 115;
Desh. Lamk. Hist. ed. 2. vii. 39; *Forbes & Hanley*, *Brit. Moll.*
 ii. 178.
Mytilus striatulus, *Schröter*, *Einleit. Conch.* iii. 449. t. 9. f. 16;
Turt. Mag. Nat. Hist. vii. 350; *Thorpe*, *Brit. Mar. Conch.* 110;
Ind. Test. t. 12. f. 19.
Perna striatula, *Retz. Nov. Gen. Test.* 21.
Mytilus exustus, *Lamk.* (not *Born*, *Gmelin*, nor *Dillw.*) *Hist.* 2nd
 ed. vii. 39; *Thorpe*, *Brit. Mar. Conch.* 22; *Desh. E. M. Vers*,
Supp. ii. 559; *Hanley*, *Rec. Shells*, i. 244.
Lister, *Hist. Conch.* t. 366. f. 206; *Ency. Méth. Vers*, t. 220.
 f. 2 (?), 3, 4.
 Inhab. W. Indies. Introduced by *Dr. Turton*, upon the authority
 of *Mr. Bean*, as having been found by him at Scarborough on
 floating timber.
a, b. "Scarborough." From the Collection of *Mr. Bean*.
c—h. Ditto.

39. MYTILUS CRENATUS.

Mytilus crenatus, *Lamk. Hist.* 2nd ed. vii. 38; *Willcox*, *Zool.*
Journ. i. 590; *Report Brit. Assoc.* iii.; *Sowerby*, *Linn. Trans.*;
Gen. Shells, *Myt.* f. 3; *Davies & Willcox*, *Ann. Phil.* 1825,
 148; *Zool. Journ.* i. 584; *Reeve*, *Conch. Icon.* t. 102. f. 3;

Hanley, Rec. Shells, i. 244; *Brown, Ill. Conch.* t. 31. f. 1, 2, ed. 2. 77. t. 23. f. 1, 2; *Forbes & Hanley, Brit. Moll.* ii. 180. *Enc. Méth. Vers*, t. 217. f. 3.

Inhab. New Zealand, &c. Introduced by *Mr. C. Willcox* as naturalized at Portsmouth.

40. MYTILUS AFRICANUS.

Mytilus Africanus, *Chemn. Conch. Cab.* viii. 160. t. 83. f. 739-741; *Forbes & Hanley, Brit. Moll.* ii. 181.

Myt. Afer, *Gmel. S. N.* 3358; *Lamk. Hist.* ed. 2. vii. 44; *Hanley, Rec. Shells*, i. 248.

Myt. unguatus (jun.), *Dillw. Rec. Shells*, i. 310; *Turt. Conch. Dict.* 111; *Brit. Faun.* 164. no. 308; *Flem. B. A.* 411.

Moule d'Afrique, *Blainv. Man. Malac.* t. 64. f. 2.

Enc. Méth. Vers, t. 218. f. 1; *Knorr, Délices des Yeux*, vi. t. 4. f. 1.

Inhab. Africa. Introduced by *Dr. Fleming*, adhering to vessels from African coast.

41. LITHODOMUS ARISTATUS.

Le Ropan, *Adans. Seneg.* 267. t. 19. f. 2.

Mytilus aristatus, *Soland. MSS.*; *Dillw. R. S.* i. 303 (1817); *Ind. Test.* t. 12, *Mytilus*, f. 8.

Mytilus lithophagus striatus, *J. Sow. Linn. Trans.* viii. 274. t. 6. f. 2 (1804).

Modiola caudigera, *Lamk. Hist.* 1st ed. vi. 116 (1819), 2nd ed. vii. 27; *Philippi, Abbild.* ii. 149, *Modiola*, t. 1. f. 5; *Hanley, Rec. Shells*, i. 238. t. 12, *Mytilus*, f. 8.

Lithodomus caudigerus, *Sow. Gen. Shells, Lithodomus*, f. 4; *Reeve, Conch. Syst.* t. 99. f. 4.

Lithodomus Lithophagus, *Flem. B. An.* 414; *Thorpe, M. C.* 111. *Callitriche lithodoma*, and *Callitrichoderma Lithophaga*, *Poli*, ii. 254, 259.

Lithodomus aristatus, *Forbes & Hanley, Brit. Moll.* ii. 212. *Ency. Méth. Vers*, t. 221. f. 8.

Inhab. W. Africa and W. Indies. Occurs in limestone used for repairing roads near London. Very rare; *Thorpe*.

42. LITHODOMUS FUSCUS.

Mytilus fuscus, *Gmel. S. N.* 3359, from *Lister, Conch.* t. 359. f. 197; *Dillw. Rec. Shells*, i. 306; *Brown, Wern. Trans.* ii. 513; *Turton, Conch. Dict.* 113; *Linn. Trans.* iv. 297; *Ind. Test.* t. 12. f. 12.

Modiola cinnamomea, var., *Lamk. A. s. V.* 2nd ed. vii. 25.

Mod. fusca, *Deshayes, Lamk. l. c.* vii. 28; *Hanley, Rec. Shells*, i. 239. t. 12. f. 12.

Lithodomus fuscus, Forbes & Hanley, *Brit. Moll.* ii. 213.

Schröter, Einleit. Conch. iii. 459.

Inhab. E. Indies. Introduced by *Capt. Brown* as found at Sligo.

43. PINNA CARNEA.

Pinna carnea, *Gmel. S. N.* 3365; *Dillw. Rec. Shells*, i. 326; *Ind. Test.* t. 12, *Pinna*, f. 6; *Hanley, Rec. Shells*, i. 252. t. 12, *Pinna*, f. 6; *Forbes & Hanley, Brit. Moll.* ii. 259.

Pinna haud ignobilis, *Chemn. Conch. Cab.* viii. 212. t. 87. f. 769.

Pinn. saccata, *Schröter* (not *Linn.* nor authors), *Einleit. Conch.* iii. t. 9. f. 17.

Pinn. muricata, *Pulteney, Hutch. Dors. App.* 39; *Mont. Test. Brit.* 183. t. 5. f. 3; *Dorset Cat.* 41; *Turt. Conch. Dict.* 149; *Brit. Biv.* 224; *Flem. Brit. An.* 406.

Pinn. flabellum, *Lamk. Hist.* 2nd ed. vii. 61 (part.); *Knorr, Délices des Yeux*, pt. ii. t. 23. f. 1.

Inhab. W. Indies. Introduced by *Dr. Pulteney* as found on the Dorset coast.

44. PERNA ALATA.

Ala Corvi pendula, *Chemn. Conch. Cab.* vii. 253. t. 59. f. 581.

Ostrea alata, *Gmel. S. N.* 3339; *Dillw. Rec. Shells*, i. 283.

Ostrea perna, *Wood, Ind. Test.* t. 11. f. 78.

Perna obliqua, *Lamk. Hist.* 2nd ed. vii. 75; *Hanley, Rec. Shells*, i. 258.

Perna ephippium, *Sow.* (not *Lamk.*) *Gen. Shells, Perna*, f. 2; *Reeve, Conch. Syst.* t. 106. f. 2.

Crenatula Travisii, *Turt. Mag. N. Hist.* vii. 350. f. 47; *Brown, Ill. C. G. B.* 75. t. 23. f. 20.

Perna alata, *Forbes & Hanley, Brit. Moll.* ii. 260.

Knorr, Délices des Yeux, pt. vi. t. 21. f. 1.

Inhab. — ?

45. PECTEN JACOBÆUS.

Pecten Jacobæus, *Penn.* (not *Flem.*) *B. Z.* ed. 4. iv. 85. t. 60. f. 62; *Mont. T. B.* 144; *Da Costa*, 143; *Turt. B. Biv.* 207; *Brit. Faun.* 161. no. 189; *Hanley, Rec. Shells*, i. 269; *Brown, Ill. C. G. B.* 71. t. 24. f. 5; *Lamk. Hist.* 2nd ed. vi. 130; *Philippi, Moll. Sic.* i. 78, ii. 56; *Sow. Thes. Conch.* i. 46. t. 15. f. 107, 108. t. 17. f. 153; *Cuv. Règn. An.* ed. *Croch.* t. 75. f. 2; *Forbes & Hanley, Brit. Moll.* ii. 305.

Ostrea Jacobæa, *Linn. S. N.* 1144 (not *Turt.*); *Mus. Ulrich.* 522; *Pulteney, Dorset*, 36; *Don. B. S.* iv. t. 137; *Mat. & Rack. Linn. Trans.* viii. 97; *Dorset Cat.* 37. t. 13. f. 2; *Born,*

Mus. Cæs. 98; *Poli, Test. Sic.* ii. 149. t. 27; *Dillw. Rec. Shells*, i. 248.

P. Jacobi, *Chemn.* vii. 273. t. 60. f. 588, 589.

Argus calyculatus and *Argoderma Jacobeus*, *Poli*, ii. 254, 259.

List. Conch. t. 165. f. 2, t. 166. f. 3; *Enc. Méth. Vers*, t. 209. f. 2.

Inhab. the Mediterranean. Introduced by *Pennant*, as British, and said to be found at Weymouth by *Dr. Pulteney*. Cornwall and Scarborough, *Da Costa*.

a—e. "Britain?"

46. OSTREA CRISTA GALLI.

Mytilus Crista galli, *Linn.* S. N. 1155; *Montagu*, T. B. 166; *Mat. & Rack. Trans. Linn. Soc.* viii. 104; *Turt. Conch. Dict.* 109; *Brit. Faun.* 164. no. 313; *Born, Mus. Cæs.* 120; *Dillw. Rec. Shells*, i. 300.

Auris porci, *Chemn. Conch. Cab.* viii. 52. t. 75. f. 684.

Ostrea crista galli, *Lamk.* 2nd ed. vii. 234; *Sow. Gen. Shells, Ostrea*, f. 2; *Penny Cyclopæd.* xvii. 363; *Reeve, Conch. Syst.* t. 121. f. 2; *Cuv. R. An.* ed. *Croch.* t. 72. f. 3; *Chenu, Lec. Elem. Hist. Nat.* 108. f. 358; *Forbes & Hanley, Brit. Moll.* ii. 321.

Knorr, Délices des Yeux, pt. v. t. 16. f. 1.

Inhab. Asia. Introduced as taken alive on bottoms of ships by *Montagu*; *Turton*.

47. OSTREA FRONS.

Ostrea frons, *Chemn. Conch. Cab.* viii. 61. t. 75. f. 686; *Forbes & Hanley, Brit. Moll.* ii. 321.

Mytilus frons, *Linn.* S. N. 1155; *Born, Mus. Cæs.* 123, *Vign.* 6. p. 121; *Burrows, Elem. Conch.* t. 10. f. 4; *Dillw. Rec. Shells*, i. 301; *Ind. Test.* t. 12, *Mytilus*, f. 3.

Ostrea Crista Galli, *Mont.* (not *Lamk.*) *Test. Brit.* 160?; *Turt. Brit. Biv.* 202.

O. rubella, *Lamk. Hist. An. s. Vert.* 2nd ed. vii. 231; *Cuv. R. An.* ed. *Croch.* t. 72. f. 2.

O. limacella and *erucella*, *Lamk. Hist.* 2nd ed. vii. 231.

O. folium, *Sow. Gen. Shells, Ostrea*, f. 3; *Reeve, Conch. Syst.* t. 121. f. 3; *Sow. Conch. Man.* f. 181.

Argenville, Conch. t. 23. f. D.

Inhab. W. Indies. Introduced as taken alive on the bottom of a foreign vessel by *Turton*.

48. DISCINA OSTREOIDES.

Discina Ostreoides, *Lamk. Hist.* 2nd ed. vii. 297; *Thorpe, Brit. Mar. Conch.* 125.

Orbicula Norvegica, Sow. (not Lamk.) *Linn. Trans.* xiii. 468. t. 26. f. 2; Sow. *Gen. Shells, Orbicula*, f. 3, 4, 5; Reeve, *Conch. Syst.* t. 129. f. 3-5.

Crania (β), *Schum. Essai*.

Discina Norvegica, Crouch, *Introd. Conch.* t. 13. f. 2.

Orbicula striata, Sow. *Thes. Conch.* i. 366. t. 73. f. 8; Forbes & Hanley, *Brit. Moll.* ii. 368.

Inhab. —? Found in ballast used to mend roads in the neighbourhood of London.

THE END.

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REPORT

FOR THE YEAR 1883

OF THE

COMMISSIONERS

OF THE LAND OFFICE

IN RESPONSE TO A RESOLUTION

PASSED BY THE HOUSE OF REPRESENTATIVES

ON JANUARY 10, 1883

AND BY THE SENATE

ON FEBRUARY 1, 1883

AND BY THE HOUSE OF REPRESENTATIVES

ON MARCH 1, 1883

AND BY THE SENATE

ON APRIL 1, 1883

AND BY THE HOUSE OF REPRESENTATIVES

ON MAY 1, 1883

AND BY THE SENATE

ON JUNE 1, 1883

AND BY THE HOUSE OF REPRESENTATIVES

ON JULY 1, 1883

AND BY THE SENATE

ON AUGUST 1, 1883

AND BY THE HOUSE OF REPRESENTATIVES

ON SEPTEMBER 1, 1883

AND BY THE SENATE

ON OCTOBER 1, 1883

AND BY THE HOUSE OF REPRESENTATIVES

ON NOVEMBER 1, 1883

AND BY THE SENATE

ON DECEMBER 1, 1883

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